

Hongrita at Chinaplas: Core Strengths of a One-stop OEM LSR Molding Supplier from China in Long-Term Cooperation

HONG KONG, August 13, 2026 /EINPresswire.com/ -- At CHINAPLAS, many buyers in medical devices, baby care, automotive electronics, and precision consumer products are asking a practical question: how can they find a [One-stop OEM LSR Molding Supplier from China](#) that can support long-term cooperation, not only quote a mold or run a single production order? For LSR Molding projects, the answer often depends on whether a supplier can connect mold design, process engineering, material understanding, automated production, quality control, and assembly into one stable system. [Hongrita](#), whose official website is <https://www.hongrita.com/>, presents itself in this context as a precision molding manufacturer with experience in liquid silicone rubber, multi-component molding, and integrated manufacturing services.



CHINAPLAS Shows Why LSR Molding Has Become a Strategic Topic

CHINAPLAS 2026 in Shanghai reflected the scale and momentum of the plastics and rubber industry. According to the official CHINAPLAS release, the show covered 400,000 square meters, gathered 5,104 exhibitors, and attracted 350,189 professional visitors. For suppliers and brand owners, this kind of exhibition is not only a place to display products. It is also a way to test whether manufacturing partners can respond to new requirements in smart manufacturing, tighter tolerances, cleaner production, and more sustainable process planning.

LSR has gained attention because it fits several of these market needs. Liquid silicone rubber is widely used where softness, durability, temperature resistance, biocompatibility, or sealing performance is important. Market research sources continue to point to healthcare, industrial applications, and electric vehicles as areas supporting LSR demand. In practical terms, this means LSR Molding is moving from a specialized process into a more common engineering choice for products that must perform reliably over repeated use.

From Mold Making to Integrated Manufacturing

Hongrita's company history begins in Hong Kong in 1988, when founder Felix Choi established a mold engineering business. The company later expanded to Shenzhen, Zhongshan, and Penang, Malaysia, and states that it now operates six physical plants with about 2,500 employees. This background matters because LSR projects are rarely successful through molding alone. Mold precision, injection control, venting, cold runner design, post-curing, inspection, and downstream assembly all influence the final part.

On its website, Hongrita describes its focus as precision molds and intelligent plastic molding technology and equipment integration. Its competitive technologies include multi-material and multi-component molding, multi-cavity tooling, and liquid silicone rubber technology. This combination supports the role of a one-stop supplier because customers often need a partner that can move from early feasibility review to mold development, trial production, mass production, and quality validation without losing technical continuity.

Core Strength in LSR and Multi-Component Engineering

One of Hongrita's key technical areas is LSR/LIM injection molding. The company lists the advantages of its LSR injection molding technology as high precision, reduced flash and waste, multi-component and overmolding capability, shorter cycle times, and consistent quality. These points are important in real applications because LSR parts often have fine sealing edges, thin walls, soft-touch areas, or tight dimensional requirements.

Multi-component molding is also relevant to long-term OEM cooperation. Hongrita highlights process integration, improved bonding strength, design flexibility, material variety, and reduced long-run production cost as benefits of its multi-component injection molding capability. For customers, this can reduce the need for separate parts, adhesives, or manual assembly. In medical, baby care, and automotive products, fewer assembly steps can also improve consistency and reduce process risk.

Medical and Healthcare Applications

Medical device manufacturing is one of the most demanding fields for LSR Molding because product requirements often include clean production, repeatability, functional safety, and

regulatory awareness. Hongrita states that its medical services cover contract manufacturing for medical consumables, modular assemblies, and finished devices, including examples such as medical syringes, blood glucose monitors, blood test tubes, and nasal masks. The company also refers to design-for-manufacturing support, product development, precision plastic injection molded components, and assembly in regulated production sites.

This type of customer case is useful because it shows how LSR and precision plastics can be used in products where comfort, sealing, and dimensional control are critical. For a long-term buyer, the supplier's value is not limited to making parts. It includes early manufacturing feasibility review, risk reduction before tooling investment, and consistent documentation during production.

Baby Care and Food-Contact Product Manufacturing

Baby care is another area where LSR is widely considered because of its softness, heat resistance, and suitability for products that come into direct contact with users. Hongrita's baby care page mentions applications such as feeding bottles, pacifiers, teething rings, cups, breast pumps, baby tableware, and related feeding and pacifying products. It also describes one-stop service covering raw material selection, product design, mold making, pre-injection feasibility analysis, product testing, small-batch trial production, precision mold making, BPA-free food-grade production and assembly environment, silicone post-curing, and post-molding processing.

This illustrates the practical value that a One-stop OEM LSR Molding Supplier can bring to product development and production. A baby care product may look simple to the end user, but it often requires careful material selection, smooth surfaces, stable dimensions, and safe assembly. When those steps are handled in one coordinated workflow, the customer can manage development more efficiently and reduce the chance of mismatch between design intent and production reality.

Automotive and EV-Related Customer Cases

Automotive applications place different pressure on suppliers. Parts may need to withstand heat, vibration, long service life, sealing requirements, and strict quality systems. Hongrita says its automotive capabilities include LSR molding, multi-component molding, metal insert molding, and stack mold technology. It also states that it can serve as a tier-2 supplier to luxury brands including BBA, as well as Japanese OEMs such as Toyota and Nissan, and provide tight-tolerance injection parts to an EV market leader.

The product examples listed by Hongrita include keyless entries, 3K sensors, control buttons, pedals, dashboard parts, LSR wire sealing parts, ECU brackets, automotive airbags, and new energy electric vehicle fuses. These applications show the breadth of precision molding beyond consumer items. In EV and automotive electronics, LSR wire seals, insert-molded components, and sensor-related parts can play a role in protection, insulation, and durability.

Intelligent Manufacturing as a Cooperation Advantage

Long-term OEM cooperation depends on stable output, not only technical capability. Hongrita states that its equipment integration includes patented molds, customized molding machines, turntables, self-developed supporting equipment, detection systems, control systems, and management software. This matters because complex LSR and multi-component parts often require automated handling, in-line inspection, and process control to keep production repeatable.

Digital and intelligent manufacturing also supports traceability. In sectors such as medical and automotive, customers increasingly expect manufacturing partners to provide process transparency, reliable documentation, and structured quality control. Hongrita's website also lists ERP support, ISO 9001 and ISO 14001 certification, FDA registration, and implementation of a PLM system toward ISO 13485 certification for medical-related operations.

Why One-Stop Capability Matters for Long-Term Cooperation

A one-stop OEM model is not just about convenience. It helps reduce handover risks between design, tooling, molding, post-processing, testing, and assembly. For LSR Molding, this is especially important because silicone flow behavior, curing conditions, parting line design, and demolding method can affect both appearance and function. If the supplier understands the complete process chain, it can give more useful feedback during design review and help customers avoid tooling revisions later.

Hongrita's profile suggests three practical strengths for long-term cooperation: deep precision mold roots, mature LSR and multi-component molding capability, and integrated production systems across several application sectors. Its experience in medical, baby care, automotive, industrial, consumer, packaging, and precision tooling also gives it a broad view of how different industries define quality and risk.

Outlook

As CHINAPLAS continues to highlight smart manufacturing, advanced materials, and global supply chain collaboration, the role of the One-stop OEM LSR Molding Supplier is likely to become more important. Buyers are no longer looking only for low-cost production. They need suppliers that can support product development, protect quality over repeated production cycles, and respond to changing market requirements.

For Hongrita, the opportunity is to turn its precision mold background and LSR engineering capability into stable project support for customers in regulated and performance-driven industries. For OEM customers, the practical value lies in working with a supplier that can

connect technical advice, tooling, molding, testing, and assembly into a controlled manufacturing path. In that sense, Hongrita's presence at CHINAPLAS reflects a wider industry direction: LSR Molding is becoming less about a single process and more about integrated, long-term manufacturing competence.

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