



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

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LIQUID SILICONE RUBBER IOTA LSR 6310

IOTA LSR 6310 is a 10 durometer, liquid silicone rubber designed for producing high clarity, high strength parts through injection process.

Details

LIQUID SILICONE RUBBER IOTA LSR 6310

Description: IOTA LSR 6310 is a 10 durometer, liquid silicone rubber designed for producing high clarity, high strength parts through injection process.

Applications:

Baby care parts
Respiratory mask
Automotive applications: valves, gaskets, seals
Skin contact parts like liners
Balloons
Cushioning applications
Others

Features:

Excellent mold release and Easily pigmented
Superior clarity
High performance physicals – high tear and elongation
Rebound resilience characteristics – cushioning and non-tacky
Soft, skin-like feel when molded

Typical Properties:

<u>Properties</u>	<u>Test Method</u>	<u>Values</u>
Appearance	CTM	Clear
Specific gravity		1.08
Viscosity, cps		110,000
Extrusion Rate, g/min		270

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	ASTM	Press Cured ¹ 5minutes, 177°C
Hardness, Shore A	D2240	10
Tensile Strength, psi (N/mm ²)	D412	750(5.1)
Elongation at break, %	D412	1060
Tear Strength, ppi (N/mm)	D624, Die B	115
Modulus 100%, psi (N/mm ²)	D412	28
Resiliency, %	D2632	35

Packaging: IOTA LSR 6310 is available in 20 kg pails or 200 kg drums.

Storage and shelf life: IOTA LSR 6310 when stored in the original, unopened container at room temperature 24°C (77°F), can be stored for 12 months from the date of manufacturing. Beyond this date, IOTA no longer guarantees that the product meets the sales specifications.

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