

DESCRIPTION

Alkatuff LL710UV is a hexene LLDPE material specifically designed for rotational moulding and high speed extrusion processes. It has good ESCR, chemical resistance and toughness. Alkatuff LL710UV is UV stabilised to provide prolonged outdoor protection in Australian conditions.

APPLICATION

Alkatuff LL710UV is ideal for intricate items in a wide variety of consumer goods and playground equipment where good surface appearance and UV protection is important.

FOOD CONTACT / PRODUCT SAFETY

For food contact information please refer to the Regulatory Data Sheet at genos.com. For product safety information please refer to the Safety Data Sheet at genos.com.

Polymer Properties	Value ¹	Units	Test Method
Melt Index @ 190°C, 2.16 kg	10	g/10 min	ASTM D1238
Density	0.930	g/cm ³	ASTM D1505

Moulding Properties	Value ¹	Units	Test Method
Tensile Strength at Yield ²	15	MPa	ASTM D638
Flexural Modulus (1% Secant) ³	550	MPa	ASTM D790B
ESCR F ₅₀ (Condition A, 100% Igepal)	> 600	hrs	ASTM D1693

1. Typical values - not to be construed as specifications.
2. At 50 mm/min crosshead speed.
3. At 12.7 mm/min crosshead speed.

For up to date information, refer to genos.com

This information is offered solely for your consideration, investigation, verification and shall not be construed as a warranty or representation for which Qenos Pty Ltd assumes legal liability, except to the extent that such liability is imposed by legislation and cannot be excluded. Values quoted are the result of tests on representative samples, and the product supplied may not conform in all respects. Qenos Pty Ltd reserves the right to make any improvements or amendments to the composition of any grade or product without alteration to the code number. In using Qenos Pty Ltd's products, you must establish for yourself the most suitable formulation, production method and control tests, to ensure the uniformity and quality of your product in compliance with all laws. Qenos Pty Ltd ACN 054 196 771 is the registered user of the Qenos Logo which is registered trademark of Qenos Pty Ltd. "Alkatuff" is a trademark of Qenos Pty Ltd.