

LEXAN™ LGK4010 resin

Polycarbonate

SABIC Innovative Plastics Asia Pacific

Message:

LEXAN™ LGK4010 resin is a Polycarbonate (PC) material. It is available in Asia Pacific.

General Information			
UL YellowCard	E45587-236910		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.20 to 0.25	%	Internal Method
Water Absorption (24 hr)	0.14	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	91		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	99.0	MPa	Internal Method
Tensile Elongation (Break)	3.0 to 5.0	%	Internal Method
Flexural Modulus	6860	MPa	ASTM D790
Flexural Strength	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	147	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	3.0E-5 to 5.3E-5	cm/cm/°C	ASTM E831

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

