

LEXANTM RESIN 133R

REGION ASIA

DESCRIPTION

LEXAN 133R is the highest viscosity, UV stabilized, release containing, linear polycarbonate grade. Suitable for injection molding and extrusion processes. Available in transparent and multiple colors.

TYPICAL PROPERTY VALUES

Revision 20190305

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	62	MPa	SABIC - Japan Method
Tensile Strain, break	220 – 220	%	SABIC - Japan Method
Flexural Stress	93	MPa	ASTM D 790
Flexural Modulus	2200	MPa	ASTM D 790
Hardness, Rockwell R	123	-	ASTM D 785
IMPACT			
Izod Impact, notched, 23°C	833	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	135	°C	ASTM D 648
CTE, -30°C to 30°C	0.00007 – 0.00007	1/°C	TMA
PHYSICAL			
Specific Gravity	1.2	-	ASTM D 792
Water Absorption, 24 hours	0.15	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.E+16	Ohm	ASTM D 257
Relative Permittivity, 50/60 Hz	3.2	-	ASTM D 150

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