

LEXANT™ RESIN 133R

REGION ASIA

DESCRIPTION

LEXANT™ 133R resin is a 3.5 MFR polycarbonate, MVR of 3. UV Stabilized. Mold release. UL94 HB rated. designed for blow molding or extrusion. Suitable for injection molding.

TYPICAL PROPERTY VALUES

Revision 20201125

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 D790
Flexural Modulus	2200	MPa	ASTM D790
Hardness, Rockwell R	123	-	ASTM D785
IMPACT			
Izod Impact, notched, 23°C	833	J/m	ASTM D256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	135	°C	ASTM D648
CTE, -30°C to 30°C	0.00007 – 0.00007	1/°C	TMA
PHYSICAL			
Specific Gravity	1.2	-	ASTM D792
Water Absorption, (23°C/24hrs)	0.15	%	ASTM D570
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.E+16	Ω	ASTM D257
Relative Permittivity, 50/60 Hz	3.2	-	ASTM D150

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