Radilon® A ESL128

Polyamide 66

Radici Plastics

Message:

PA66 injection moulding grade. Good impact strength. Natural colour

General Information				
UL YellowCard	E148796-101473249	E195505-101510654	E337835-101516844	
	E195508-101520646			
Features	Impact resistance, good			
Appearance	Natural color			
Forms	Particle			
Processing Method	Injection molding			

Physical	Dry	Conditioned	Unit	Test Method
Density	1.09	--	g/cm³	ISO 1183
Water Absorption				ISO 62
Saturated, 23°C	7.6	--	%	ISO 62
Equilibrium, 23°C, 50% RH	2.0	--	%	ISO 62

Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	2300	1350	MPa	ISO 527-2
Tensile Stress (Yield)	55.0	35.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.6	30	%	ISO 527-2
Nominal Tensile Strain at Break	50	50	%	ISO 527-2

Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/eA
-30°C	21	11	kJ/m²	ISO 179/eA
23°C	58	110	kJ/m²	ISO 179/eA
Charpy Unnotched Impact Strength				ISO 179/eU
-30°C	No Break	No Break		ISO 179/eU
23°C	No Break	No Break		ISO 179/eU

Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, not annealed	140	--	°C	ISO 75-2/Bf
1.8 MPa, not annealed	60.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature	210	--	°C	ISO 306/B50
Melting Temperature (DSC)	260	--	°C	ISO 3146

Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+12	--	ohms	IEC 60093
Volume Resistivity	1.0E+14	1.0E+13	ohms·cm	IEC 60093
Comparative Tracking Index	--	600	V	IEC 60112

Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating				UL 94
0.800 mm	HB	--		UL 94
1.60 mm	HB	--		UL 94

Additional Information

干燥

The value listed as Melting Temperature, ISO 3146, was tested in accordance with ISO 11357-1-3 at a heating rate of 10°C/min.Nominal Tensile Strain at Break, ISO 527: >50%

调节后的

Nominal Tensile Strain at Break, ISO 527: >50%

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