

RC Plastics RCPA66

Polyamide 66

RC Plastics, Inc. (Div. of LNP Engineering Plastics)

Message:

RC Plastics RCPA66 is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in North America. Primary characteristic: eco-friendly/green.

General Information			
Recycled Content	Yes		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.5 to 1.8	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 50% RH)	1.5	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.8	MPa	ASTM D638
Tensile Elongation (Break)	56	%	ASTM D638
Flexural Modulus	2540	MPa	ASTM D790
Flexural Strength	93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Melting Temperature	260	°C	
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0 to 6.0	hr	
Rear Temperature	277 to 304	°C	
Middle Temperature	277 to 304	°C	
Front Temperature	277 to 304	°C	
Processing (Melt) Temp	282 to 302	°C	
Mold Temperature	65.6 to 107	°C	
Injection Rate	Fast		
Back Pressure	0.345 to 0.689	MPa	
Screw Speed	30 to 100	rpm	

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



WECHAT