

Daicel PP PT3N1

Polypropylene
Daicel Polymer Ltd.

Message:
Daicel PP PT3N1 is a Polypropylene material filled with 15% talc. It is available in Asia Pacific.

General Information			
Filler / Reinforcement	Talc,15% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage - Flow	1.1 to 1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	87		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	25.0	MPa	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	39.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	112	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 120	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	140 to 190	°C	
Middle Temperature	160 to 210	°C	
Front Temperature	180 to 230	°C	
Nozzle Temperature	180 to 230	°C	
Mold Temperature	40.0 to 60.0	°C	
Back Pressure	5.00 to 20.0	MPa	
Screw Speed	70 to 90	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

