

Daicel PP PTS4N1

Polypropylene
Daicel Polymer Ltd.

Message:
Daicel PP PTS4N1 is a Polypropylene material filled with 20% talc. It is available in Asia Pacific.

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.60 to 0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	60		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	31.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	46	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	114	°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	

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Recommended distributors for this material

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