

NEXT SIGNATURE PPH T20-100

Polypropylene Homopolymer

NEXT Specialty Resins, Inc.

Message:

NEXT SIGNATURE PPH T20-100 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% talc. It is available in North America. Important attributes of NEXT SIGNATURE PPH T20-100 are:

Good Weather Resistance

Heat Stabilizer

Homopolymer

UV Stabilized

Typical application of NEXT SIGNATURE PPH T20-100: Furniture

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Good Weather Resistance		
	Heat Stabilized		
	Homopolymer		
Uses	Furniture		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	15	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	31.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648

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