

TYNE® Olefins W7223

Polypropylene Homopolymer
Tyne Plastics LLC.

Message:

TYNE® Olefins W7223 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% calcium carbonate. It is available in North America.

General Information			
Filler / Reinforcement	Calcium Carbonate,20% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.4	MPa	ASTM D638
Tensile Elongation (Break)	110	%	ASTM D638
Flexural Modulus	1690	MPa	ASTM D790
Flexural Strength	32.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	35	J/m	ASTM D256
Unnotched Izod Impact (6.35 mm)	350	J/m	ASTM D256
Gardner Impact	2.03	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	94.4	°C	ASTM D648

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Recommended distributors for this material

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