

TYNE® Olefins W5223

Polypropylene
Tyne Plastics LLC.

Message:

TYNE® Olefins W5223 is a Polypropylene material filled with 20% glass fiber. It is available in North America. Primary attribute of TYNE® Olefins W5223: Chemically Coupled.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Chemically Coupled		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	64.1	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3960	MPa	ASTM D790
Flexural Strength	96.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	75	J/m	ASTM D256
Unnotched Izod Impact (6.35 mm)	280	J/m	ASTM D256
Gardner Impact	0.249	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	156	°C	
1.8 MPa, Unannealed	144	°C	

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Recommended distributors for this material

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