

TYNE® Olefins W5123

Polypropylene
Tyne Plastics LLC.

Message:

TYNE® Olefins W5123 is a Polypropylene material filled with 10% glass fiber. It is available in North America. Primary attribute of TYNE® Olefins W5123: Chemically Coupled.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Chemically Coupled		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	51.7	MPa	ASTM D638
Tensile Elongation (Break)	11	%	ASTM D638
Flexural Modulus	2590	MPa	ASTM D790
Flexural Strength	63.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	59	J/m	ASTM D256
Unnotched Izod Impact (6.35 mm)	270	J/m	ASTM D256
Gardner Impact	0.226	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	149	°C	
1.8 MPa, Unannealed	120	°C	

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Recommended distributors for this material

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