

# OP - PBT 25GB-5GF-IM

Polybutylene Terephthalate

Oxford Polymers

## Message:

OP - PBT 25GB-5GF-IM is a Polybutylene Terephthalate (PBT) material filled with glass bead. It is available in North America. Primary attribute of OP - PBT 25GB-5GF-IM: Impact Modified.

General Information			
Filler / Reinforcement	Glass Bead		
Additive	Impact Modifier		
Features	Impact Modified		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D955
Water Absorption (24 hr)	0.060	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	48.3	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	3590	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	51	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	62.8	°C	ASTM D648

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## Recommended distributors for this material

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