

Vandar® 4602ZHR

Polybutylene Terephthalate

Celanese Corporation

Message:

4602ZHR is an unfilled hydrolysis resistant PBT alloy with excellent thermal stability, toughness and weatherability characteristics.

General Information			
Features	Good Thermal Stability		
	Good Toughness		
	Good Weather Resistance		
	Hydrolysis Resistant		
RoHS Compliance		Contact Manufacturer	
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.7 to 2.2	%	
Flow	1.7 to 2.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2/1A/1
Tensile Stress			
Yield	40.0	MPa	ISO 527-2/1A/50
Break, 23°C	34.5	MPa	ASTM D638
Tensile Strain			
Yield	6.0	%	ISO 527-2/1A/50
Break, 23°C	180	%	ASTM D638
Break	180	%	ISO 527-2/1A/50
Flexural Modulus (23°C)	1400	MPa	ISO 178
Flexural Stress (23°C)	45.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	No Break		ISO 179/1eA
Notched Izod Impact Strength (23°C)	No Break		ISO 180/1A

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