

Adell PBT HT-36

Polybutylene Terephthalate

Adell Plastics, Inc.

Message:

Adell PBT HT-36 is a Polybutylene Terephthalate (PBT) material filled with 30% glass fiber. It is available in North America. Primary attribute of Adell PBT HT-36: Impact Resistant.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.50	%	ASTM D955
Water Absorption (24 hr)	0.070	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	69		
R-Scale	112		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	85.5	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	5980	MPa	ASTM D790
Flexural Strength (Yield)	143	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	180	J/m	
23°C, 3.18 mm	350	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	158	°C	
1.8 MPa, Unannealed	106	°C	
Melting Temperature	240 to 250	°C	
CLTE - Flow	5.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	5.1E+15	ohms·cm	ASTM D257
Dielectric Strength	18	kV/mm	ASTM D149

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT