

Durepol® A3 PRT0566 BT343

PBT

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.015	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.017	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Strength	50	MPa	ISO 527
Strain at break	15	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Flexural strength	75	MPa	ISO 178
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A
Thermal properties			
ASTM Data			
Melting Temperature	222	°C	ASTM D 3418
Vicat Temperature	216	°C	ASTM D 1525
Other properties			
Density	1310	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 120	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	230 - 260	°C	-
Mold temperature	70 - 90	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, South and Central America

Delivery form

Black