

Y101

PP

Rabigh Refining & Petrochemical Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.012	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	34	MPa	ASTM D 638
Tensile Strength at Break	28	MPa	ASTM D 638
Flexural Modulus	1700	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	116	°C	ASTM D 648
Vicat Temperature	158	°C	ASTM D 1525
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Granules

Special Characteristics

Heat stabilized or stable to heat

Features

Low Odor, Homopolymer

Applications

General Purpose

Regional Availability

Near East/Africa