

AV161

PP

Rabigh Refining & Petrochemical Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	25	MPa	ASTM D 638
Tensile Strength at Break	13	MPa	ASTM D 638
Flexural Modulus	1170	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	106	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Granules

Special Characteristics

High impact or impact modified

Features

Low Odor, Nucleated, Copolymer

Applications

General Purpose

Regional Availability

Near East/Africa