

AW564

PP

Rabigh Refining & Petrochemical Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9	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	0.016	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	28	MPa	ASTM D 638
Tensile Strength at Break	15	MPa	ASTM D 638
Flexural Modulus	1530	MPa	ASTM D 790
Rockwell Hardness	R 96	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	124	°C	ASTM D 648
Vicat Temperature	153	°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, Heat stabilized or stable to heat

Features

Low Odor, Nucleated, Copolymer

Applications

Electrical and Electronical

Regional Availability

Near East/Africa