

FS3011E

PP

Rabigh Refining & Petrochemical Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	216	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	32	MPa	ASTM D 638
Tensile Strength at Break	19	MPa	ASTM D 638
Elongation at Yield	9	%	ASTM D 638
Elongation at Break	165	%	ASTM D 638
Flexural Modulus	1265	MPa	ASTM D 790
Flexural Strength	35	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785
Thermal properties			
ASTM Data			
Vicat Temperature	153	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	155	-	ASTM D 2457
Haze	0.1	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion

Delivery form

Pellets, Granules

Special Characteristics

Transparent

Features

Barrier Properties, Good Adhesion, Low Odor, Homopolymer

Applications

Packaging

Regional Availability

Near East/Africa