

GPPS1540

PS

Petrochemical Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	3100	MPa	ASTM D 638
Tensile Strength at Break	45	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	3000	MPa	ASTM D 790
Rockwell Hardness	L 70	-	ASTM D 785
Thermal properties			
ASTM Data			
Vicat Temperature	89.5	°C	ASTM D 1525
Other properties			
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion, Thermoforming

Special Characteristics

High impact or impact modified

Features

High Crystallinity, Copolymer

Applications

General Purpose, Medical, Packaging, Refrigeration

Regional Availability

Europe, Asia Pacific, Near East/Africa