

PGPC 3859

PC

Petrochemical Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	48.5	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ASTM Data			
Tensile Modulus	2300	MPa	ASTM D 638
Tensile Strength at Yield	60	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Thermal properties			
ASTM Data			
Vicat Temperature	145	°C	ASTM D 1525
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.0095	-	ASTM D 150
Dielectric Constant, 1 MHz	2.95	-	ASTM D 150
Optical properties			
ASTM Data			
Light Transmittance	80	%	ASTM D 1003
Other properties			
Density	1200	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Asia Pacific, Near East/Africa