

SV-0157

ABS

Petrochemical Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.5	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
Value	Unit	Test Standard	
ISO Data			
Izod notched impact strength, +23°C	31	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	46	MPa	ASTM D 638
Elongation at Break	70	%	ASTM D 638
Flexural Modulus	2190	MPa	ASTM D 790
Flexural Strength	63	MPa	ASTM D 790
Rockwell Hardness	R 104	-	ASTM D 785
Thermal properties			
Value	Unit	Test Standard	
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Vicat Temperature	101	°C	ASTM D 1525
Other properties			
Value	Unit	Test Standard	
Density	1030	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion

Delivery form

Granules

Special Characteristics

High impact or impact modified

Chemical Resistance

General Chemical Resistance

Applications

Refrigeration

Regional Availability

Europe, Asia Pacific, Near East/Africa