

SH-0150

ABS

Petrochemical Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.1	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	28	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	45	MPa	ASTM D 638
Flexural Modulus	2250	MPa	ASTM D 790
Flexural Strength	65	MPa	ASTM D 790
Rockwell Hardness	R 106	-	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

Chemical Resistance

General Chemical Resistance

Special Characteristics

High impact or impact modified

Regional Availability

Europe, Asia Pacific, Near East/Africa