

**SD-0150**

ABS

Petrochemical Commercial Co.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>1.7</b>	g/10min	ASTM D 1238
Temperature	<b>200</b>	°C	-
Load	<b>5</b>	kg	-
Mold Shrinkage, MD	<b>0.0045</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
<b>ISO Data</b>			
Izod notched impact strength, +23°C	<b>25</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>44</b>	MPa	ASTM D 638
Elongation at Break	<b>40</b>	%	ASTM D 638
Flexural Modulus	<b>2050</b>	MPa	ASTM D 790
Flexural Strength	<b>64</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 104</b>	-	ASTM D 785
<b>Thermal properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
Vicat Temperature	<b>99</b>	°C	ASTM D 1525
<b>Other properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Density	<b>1040</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Granules

**Applications**

Automotive, Electrical and Electronical, General Purpose

**Regional Availability**

Europe, Asia Pacific, Near East/Africa