

Technical Data Sheet

ABS-70

Acrylonitrile Butadiene Styrene

Characteristic: General Purpose

Applications: Automobile parts, injection molded parts, Profiles extrusion.

Properties	Test method (ASTM)	Test condition	Units	Value
Izod impact	D-256	6.4 mm , notched	Ki/m ²	25
Melt flow index	D-1238	220°C , 10 kg	gr/10 min	17
Rock well hardness	D-785	R-scale	Rockwell	110
HDT	D-648	0.45 MPa	°c	88
Vic at softening Temp	D-1525	10 N	°c	100
Tensile strength	D-638	23°c , 50 mm/min	Kg/cm ²	420
Tensile elongation	D-638	23°c , 50 mm/min	%	15
Flexural strength	D-790	23°c , 2.8 mm/min	Kg/cm ²	620
Flexural Modulus	D-790	23°c , 2.8 mm/min	Kg/cm ²	19500
Specific Gravity	D-792	23°c	g/cm ³	1.04
Molding Shrinkage	D-955	...	%	0.4-0.7
Flammability	UI94	1/8 inch(3.2mm)	...	HB

Packing: 25 Kg bags