

Manufacturer: 天津大沽化工股份有限公司
TIANJIN DAGU CHEMICAL INDUSTRY CO.,LTD.



ABS Resin

Grade : DG-417

General injection molding grade

Typical Properties

Physical Properties	Test Method	Test Conditions	Value	Unit
Melt Flow Index	ASTM D1238	220°C/10kg	20	g/10min
Mechanical Properties				
Flexural Strength	ASTM D790	2mm/min	65	MPa
Flexural Modulus		2mm/min	2265	MPa
Tensile Stress	ASTM D638	50mm/min	47	MPa
Izod Notched Impact Strength	ASTM D256	23°C,3.2mm	200	J/m
Others				
Vicat Softening Temperature	ASTM D1525	50N,50°C/hr	101	°C
FEATURES AND APPLICATIONS				
Features	Medium Impact, Molding Grade			
Applications	Electronics, household appliances, vehicles etc			

Processing Guide

Processing Parameters	Unit	Value
Drying Temperature	°C	80 - 90
Drying Time	hrs	2 - 4
Moisture Content	%	0.01
Melt Temperature	°C	190 - 230
Mold Temperature	°C	190 - 230

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