

General Purpose ABS

Properties	Test Method	Condition	Unit	SD-0190 H
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PHYSICAL PROPERTIES

Specific Gravity	ASTM D792	-	g/cm ³	1.03
Melt Flow Index	ASTM D1238	200°C, 10 kg	g/10min	9.8
Mold Shrinkage	ASTM D955	-	%	0.4 - 0.7

MECHANICAL PROPERTIES

Tensile Strength at Yield	ASTM D638	5mm/min	kgf/cm ²	350
Tensile Strain at Break	ASTM D638	5mm/min	%	91
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	480
Flexural Modulus	ASTM D790	2.8mm/min	kgf·cm ²	17000
Izod Impact Strength	ASTM D256	(notched)1/4	kgf·cm/cm	40
Charpy Impact Strength	ISO 179 1eA	(notched)	KJ/m ²	44
Rockwell Hardness	ASTM D785	R-Scale	-	95

THERMAL PROPERTIES

Heat Deflection Temperature	ASTM D648	18.56kgf/cm ² 6.4mm	°C	84
VICAT Softening Temperature	ISO R306	B/50	°C	94
Flammability	UL94	-	-	HB

Está é uma cópia da ficha técnica do fabricante, fornecido pela Advanced Polymers