



14030 Gannet Street, Santa Fe Springs, CA 90670

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Material Data Sheet

Material: AES Resin
Generic: Acrylonitrile - Ethylene-Propylene - Styrene

Property	Data	Units	ASTM
GENERAL			
Ratings			
Features	Good Impact Strength Extremely High Weatherability		
Form	Pellets		
Processing Method	Injection/Extrusion		
Uses			
PHYSICAL			
Melt Flow Rate	30 @200°C/21.6kg	g/10 min	D-1238
Specific Gravity	1.04		D-792
Mold Shrinkage	0.4-0.7	%	D-955
MECHANICAL			
Flexural Modulus	326,960	psi	D-790
Flexural Strength @ Yield	9,380	psi x 10 ⁴	D-790
Tensile Elongation	22	%	D-638
Tensile Strength @ Yield	7,820	psi x 10 ³	D-638
IMPACT			
Notched Izod Impact 1/8 in.	2.8	ft-lb/in	D-256
HARDNESS			
Rockwell Hardness	108	R-Scale	D-785
THERMAL			
HDT @264 psi-unannealed	194	°F	D-648
FLAMMABILITY			
Flammability Rating	HB		UL 1/16"

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