

Material: *PC/ABS 8290NH*
Generic: *PC/ABS*
Manufacturer: *Kumho*

<i>Property</i>	<i>Data</i>	<i>Units</i>	<i>ASTM</i>
GENERAL			
Ratings	UL V-0 (1/16")		
Features	Non Halogenated High Impact Strength Good Processability		
Form	Pellets		
Processing Method	Injection		
PHYSICAL			
Melt Flow Rate (260°C/5kg)	21	g/10 min	D-1238
Specific Gravity	1.19		D-792
Mold Shrinkage	0.4-0.6	%	D-955
MECHANICAL			
Flexural Modulus	326,960	psi	D-790
Flexural Strength	10,660	psi	D-790
Tensile Elongation	140	%	D-638
Tensile Strength	7,670	kg/cm ²	D-638
IMPACT			
Notched Izod Impact 1/8 in.	11	ft-lb/in	D-256
HARDNESS			
Rockwell Hardness	116	R-Scale	D-785
THERMAL			
HDT 18.6kg (264psi) annealed	230	°F	D-648
HDT 18.6kg (264psi) unannealed	194	°F	D-648
Vicat Softening Point	235	°F	D-1525
FLAMMABILITY			
Flame Rating (1/16")	V-0		UL94
Flame Rating (1/8")	5VB		UL94

THE ABOVE DATA IS TO BE USED SOLELY AS AN APPROXIMATE GUIDELINE AND IS SUBJECT TO CHANGE WITHOUT NOTICE. SOUTHLAND POLYMERS INC. ASSUMES NO LIABILITY FOR THE ACCURACY, COMPLETENESS, OR VALIDITY OF INFORMATION CONTAINED HEREIN. MATERIAL APPLICATION, PERFORMANCE, AND SUITABILITY MUST BE DETERMINED INDEPENDENTLY BY THE END USER. ALL PRODUCT TRADEMARKS USED ARE PROPERTY OF THEIR RESPECTIVE OWNERS. PLEASE CONTACT YOUR ACCOUNT MANAGER OR SOUTHLAND POLYMERS TECHNICAL SUPPORT FOR ALL QUESTIONS REGARDING OUR PRODUCTS.