



Prime Engineering and Commodity Thermoplastic Resins

ABS 570 General Purpose ABS

Description: ABS 570 is an easy flowing grade of ABS for injection molding with high resistance to impact and heat deflection. In its natural color ABS 570 meets FDA requirements for food contact.

Applications: Housing / toys / small appliances / consumer products

Features: High Impact
 High Gloss

Physical Properties	Typical Values	Test Method(s)
Specific Gravity	1.05	D-792
Melt Flow Rate - g/10 min (230°C / 10kg)	5.0	D-1238
Mold Shrinkage – in/in	0.004 – 0.006	D-955
Tensile Modulus – psi	370,000	D-638
Tensile Strength at Yield – psi	6,100	D-638
Flexural Modulus – psi	380,000	D-790
Flexural Strength – psi	10,500	D-790
HDTUL Unannealed – 264 psi	185° F	D-648
Izod Impact Strength – ft-lbs/in	7.0	D-256
Rockwell Hardness – R Scale	109	D-785
Flammability	HB	UL-94

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The nominal properties reported herein are laboratory tested and are typical data for these materials. Plastic Solutions, Inc. does not guarantee suitability of these materials for specific applications. Each user of material should make their own tests to determine suitability of a material in a design or application.

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