



Material Technical Data Sheet

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Product name: ABS Resin R03003

Product Use: high Impact Resistance for extrusion and molding applications

Supplier: NETCO Extruded Plastics Inc. 30 Tower Street Hudson, MA 01028

Typical Material Properties¹

Property	Result	ASTM Method
Density	1.03 g/cc	ISO 1183
Hardness	108 Rockwell R	ASTM D785
Tensile Strength - Yield	5.7-5.9 kpsi	ISO 527-2/50
Tensile Stress - Break	4.3-4.4 kpsi	ISO 527-2/50
Elongation - Break	30%	ASTM D638
Tensile Strain - Break	35%	ISO 527-2/50
Flexural Modulus	260-310 kpsi	ISO 178/ASTM D790
Flexural Strength	8.8 Kpsi	ASTM D790
Flexural Stress	8.4	ISO 178
Process Melt Temperature	230-260 °C	

(1) Typical material properties; not to be construed as specifications.

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