



Formosa Plastics®

Formolene® PP

Formolene® 6535N/ISO Format

Impact Copolymer Designed to Meet the Requirement of Automotive Interior Trim And Other Demanding Injection Molding Applications

Formolene® 6535N is a specially formulated, high impact copolymer of polypropylene designed for interior trim applications such as those described by Ford Motor Company's Specifications WSS-M4D638-A and WSS-M4D638-B. Formolene® 6535N is suitable for many injection molding applications requiring toughness such as bins, crates, outdoor tools, machinery and toys.

Typical Properties of this Grade*

Melt Flow Rate, g/10 min @ 230°C /2160 g	ISO 1133	35
Density, g/cm ³	ISO 1183	0.9
Tensile Strength at max. (50 mm/min), MPa	ISO R527	23.4
Elongation at Break (50 mm/min), %	ISO R527	86
Flex Modulus, MPa	ISO 178	1,133
Izod Impact Strength @ 23°C, KJ/m ²	ISO 180	13.9
Izod Impact Strength @ -18°C, KJ/m ²	ISO 180	6.5
Izod Impact Strength @ -40°C, KJ/m ²	ISO 180	5.5
Heat Deflection Temperature @ 1.82 MPa, °C	ISO 75	53
Heat Deflection Temperature @ 0.45 MPa, °C	ISO 75	101
Hardness, Durometer (15 s Dwell)	ISO 868	63

* Typical Value, not to be constructed as specifications.
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*FM 46020 applies to specific copolymers

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3 • Fax: (973) 422-7772

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ISO 9001:2008
FS 70459
FM 31429
FM 46020*



ISO 14001:2004
EMS 35710