



Formolene 41010

A Homopolymer of Polypropylene For BCF Fiber Spinning

Formolene 41010 is a low viscosity, highly isotactic polypropylene homopolymer designed primarily for multifilament and bulk continuous filament fiber. It contains a unique combination of stabilizers which give it excellent gas fading resistance, mild UV resistance and appropriate process stability.

Typical Properties of this Commercial Grade

Melt Flow Rate, I ₂ @ 230°C, g/10 min	ASTM D1238	19.0
Density, g/cm ³	ASTM D1505	0.905
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	5,500
Elongation at Yield (50 mm/min), %	ASTM D638	8
Flexural Mod. (1.3 mm/min), 1% Secant, psi	ASTM D790	245,000
Rockwell Hardness, R Scale	ASTM D785	113
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	0.5
Notched Charpy Impact Strength @ 73°F, ft-lb/in	ASTM D256	0.76

Note: Specimens were injection molded according to the conditions specified in ASTM D4101.
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ISO 9002, ISO 14001 & QS 9000
Certificate Number
FM31429, EMS 35710, FM 46020



9 Peach Tree Hill Rd. Ph.: (888) FPCUSA3
Livingston, NJ 07039 Fax: (973) 716-7230

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