



## **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 <sub>2</sub> @ 230°C, g/10 min	ASTM D1238	19.0
Density, g/cm <sup>3</sup>	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



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