

6265 DEAN PARKWAY ONTARIO NY 14519 WWW.SCIPOLY.COM

## **Technical Data Sheet**

**MATERIAL:** Polypropylene, isotactic

CATALOG NUMBER: 130

**CAS NUMBER:** 9003-07-0

**DESCRIPTION:** Isotactic propylene homopolymer

FORMULA:  $(C_3H_6)_x$ 

**TYPICAL PROPERTIES:** 

**Pellets** Appearance: Intrinsic viscosity: 2.2 - 2.5 $n_D^{20} 1.49$ Refractive index: Density: 0.90 (23°C) Glass transition temp: -26°C Melting point: 160°C Solubility parameter: 9.2 Melt flow index: 4 g/10min Flash point: >625°F

Solubility: Aliphatic, cycloaliphatic and aromatic

hydrocarbons (all above 80°C)

**GENERAL INFORMATION:** Isotactic polypropylene is produced by Ziegler-Natta polymerization.

Polypropylene has found many applications, ranging from fiber and filaments to films and extrusion coatings. Major uses include carpet yarns, upholstery fabrics, automotive parts, packaging, toys, housewares

and appliance parts.

**STRUCTURE:** 

Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by Sp<sup>2</sup> in writing at time of sale. Sp<sup>2</sup> cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by Sp<sup>2</sup>.