

RAMOLENE

B0128

"Polypropylene Homopolymer Film Grade"

High molecular weight homopolymers featuring superior clarity and sparkle for use in the production of oriented films such as the manufacture of packaging tapes and films"

| | <u>Resin Properties</u> ⁽¹⁾ | <u>Typical Value</u> | <u>ASTM Method</u> |
|---|--|----------------------|----------------------|
| P O L Y P R O P Y L E N E | Melt Flow, g/10 min. | 2.8 | D-1238 Condition "L" |
| | Density, g/cc | 0.905 | D-1505 |
| | Melting Point : °F | 325 | DSC ⁽²⁾ |
| | °C | 163 | |
| | <u>Film Properties, Oriented</u> ^{(1) (3)} | | |
| | Haze, % | 1.0 | D-1003 |
| | Gloss, 45°, % | 90 | D-2457 |
| | Ultimate Tensile, psi MD | 19,000 | D-882 |
| | psi TD | 38,000 | |
| | Tensile Modulus, psi MD | 350,000 | D-882 |
| psi TD | 600,000 | | |
| Elongation, % MD | 130 | D-882 | |
| TD | 50 | | |
| WVTR, g/100 sq-in/24 hrs./mil | 0.3 | F-1249-90 | |
| @ 100°F, 90% RH | | | |
| | <i>(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima</i> | | |
| | <i>(2) MP determined with a DSC-2 Differential Scanning Calorimeter</i> | | |
| | <i>(3) Tenter-frame oriented film</i> | | |
| | <ul style="list-style-type: none">- Available with custom slip and antiblock packages- Complies with all applicable FED regulations and may be used under these provisions for food contact packaging- Processes on cast and oriented film extrusion equipment with typical melt temperatures of 450-525 °F (232-274 °C) | | |

RAMTECH OVERSEAS, INC.

204 S. HOOVER BLVD. SUITE 230 Tampa, FL 33609

Tel # (813) 287-2588 www.ramtechcorp.com Fax # (813) 287-1814

All tests were run under laboratory conditions, ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of Ramtech's products must be guided by the user's own methods for selection of proper formulation. RAMTECH OVERSEAS, INC. disclaims any responsibility for misuse or misapplication of its products. Ramtech makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose