



EVALENE®

POLYPROPYLENE

PHY0351

YARN GRADE

Typical Applications

- ï Woven bags
- ï Tarpaulins

Special Features

- ï Fast processability
- ï High throughputs
- ï Good mechanical properties
- ï Meets BFAD food-contact requirements as per FDA 21CFR177.1520

Property*	ASTM Test Method	SI Values	Metric Values
Melt Flow (230°C / 2.16 kg)	D1238	3.5 g/10min	3.5 g/10min
Tensile Strength @ Yield, 50 mm/min	D638	35 MPa	357 kg/cm ²
Elongation @ Yield, 50 mm/min	D638	22 %	22 %
Tensile Modulus, 1% Secant, 5 mm/min	D638	1400 MPa	14280 kg/cm ²
Flexural Modulus, 1% Secant, 1.3 mm/min	D790A	1350 MPa	13770 kg/cm ²
Rockwell Hardness	D785	R98	R98
Notched Izod Impact Strength, 23°C	D256	26 J/m	2.7 kg-cm/cm
Heat Deflection Temperature, 0.455 MPa	D648	105 °C	105 °C
Melting Point, DSC, 10°C/min, 2nd heating	D3418	162 °C	162 °C

* Obtained on injection molded specimens as specified by ASTM D4101.

Recommended Processing Condition

Melt Temperature : 210 - 230 °C

Since the conditions and circumstances in which the polymer may be used are beyond our control, JG Summit Petrochemical Corp. does not accept any liability regarding loss or damage, which may result directly or indirectly from the use of this information.

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