

## Plastcom SLOVALEN EQ 18 N PP, basic type

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

**Material Notes:**

Features Modified PE with special heat and processional stabilization. Application in extrusion of profiles and pipes, blowing of bottles and jerrycans. Delivered in black colour. Packaging, transport, stocking The product is packed in hermetically closed thick-walled 25 kg PE bags, on a 1.000 kg palette coated in a stretch foil, in big bags with a thick PE foil fixed on a 1.000 kg palette, in paper octabins with a thick PE foil fixed on a 1.000 kg palette or in other packaging according to customer requirements. The transport is provided in closed-up vehicles where the material is protected against movement and mechanical damage. The product requires stocking in closed-up, dry places protected against sun and thermal radiation. Information Provided by Plastcom spol. s r.o.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Plastcom-SLOVALEN-EQ-18-N-PP-basic-type.php](http://www.lookpolymers.com/polymer_Plastcom-SLOVALEN-EQ-18-N-PP-basic-type.php)

Physical Properties	Metric	English	Comments
Density	0.943 g/cc	0.0341 lb/in <sup>3</sup>	
Melt Flow	10 g/10 min @Load 21.6 kg, Temperature 190 °C	10 g/10 min @Load 47.6 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	24.0 MPa	3480 psi	
Elongation at Break	10 %	10 %	
Tensile Modulus	0.850 GPa	123 ksi	
Flexural Modulus	0.650 GPa	94.3 ksi	
Charpy Impact Unnotched	3.20 J/cm <sup>2</sup> @Temperature -20.0 °C	15.2 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	
	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	
Charpy Impact, Notched	26.0 J/cm <sup>2</sup> @Temperature 23.0 °C	124 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	
	26.0 J/cm <sup>2</sup> @Temperature -20.0 °C	124 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	

Thermal Properties	Metric	English	Comments
Melting Point	130 °C	266 °F	

<b>Thermal Properties</b> <small>Deflection Temperature at 1.8 MPa (204 psi)</small>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
Vicat Softening Point	75.0 °C	167 °F	B

<b>Processing Properties</b>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
Melt Temperature	180 - 230 °C	356 - 446 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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