

## Technical Data Sheet

### **Moplen EF300K**

Polypropylene, Impact Copolymer



#### Product Description

*Moplen* EF300K is a low flow flake form copolymer for compounding applications. It exhibits a very high impact even at low temperature combined with a good stiffness, and has a fine and very regular particle size distribution. *Moplen* EF300K is designed for production of compounds and masterbatches. Typical applications are colour and additives masterbatches, mineral filled compounds and woodstock.

This grade is not intended for medical and pharmaceutical applications.

<b>Market</b>	Compounding
<b>Processing Method</b>	Compounding
<b>Attribute</b>	Good Impact Resistance; Good Stiffness

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	4	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Tensile Modulus	1200	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched (23 °C)	10.5	kJ/m <sup>2</sup>	ISO 179
(-20 °C)	4	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	150	°C	ISO 306