

Compound Polypropylene 8900-OP

PP 8900-OP is a customized polypropylene compound with good gloss, high colorability, and excellent moldability. It offers low density, high mechanical strength, thermal resistance up to 100°C, and strong insulation properties. Its resistance to moisture, wear, and corrosion makes it ideal for screw-assembled parts like vacuum cleaner frames. Combining copolymer benefits with processability, it delivers both performance and cost-efficiency.

Technical Properties

Property	Standard	Condition	Result	Unit
MFI	ASTM D1238	2.16 kg / 230 °C	10	g/10 min
Filler Content	ISO3451/1	600°C/30 min	< 3	%
Density	ISO 1183	23°C	1	gr/cm ³
Izod Impact	ISO 180	2.71J/notched/23°C	6	Kj/m ²
Tensile strength @Yield	ISO 527	Speed 50 mm/Gauge Length 50	28	Mpa
Elongatin @ Yield	ISO 527	Speed 50 mm/Gauge Length 50	11	%
Tensile strength @ Break	ISO 527	Speed 50 mm/Gauge Length 50	20	Mpa
Elongatin @ Break	ISO 527	Speed 50 mm/Gauge Length 50	21	%
Flexural Modulus	ASTM D790	Speed: 1.3mm/min Deflection: 0.5mm	700	Mpa
Flexural strength	ASTM D790	Speed: 1.3mm/min Deflection: 5.0mm	28	Mpa
VICAT	ASTM D 1525	10N	140	°c
HDT	ASTM D648	0.45 MPa	92	°c
DSC	ISO 11357/6	10 °C/min N2 50ml/min	Click	°c

- The uncertainty of the test result is based on confidence range of %95 and K=2 which is calculated and Announced due to the customers' demands.

Commercial Properties

Property	Value	Property	Value
HS Code	390290	Delivery Terms	CFR, CPT, FCA, FOB
MOQ	1000	Packaging	25 kg Bag – 1000 kg Jumbo Bag
ETD	Negotiable	Payment Terms	Negotiable
MSDS	Yes	Marks & Nos	Negotiable
Product Process	Injection	Color	Black

Shipping and Storage Conditions

Away from moisture, sunlight, sharp objects, fire and flame.

Needs:

[LOI \(Letter of Intent\)](#)

Other Documents:

You may also need the following documents. Click to download them:

1. [FCO \(Full Corporate Offer\)](#)
2. [PI \(Proforma Invoice\)](#)
3. [CI \(Commercial Invoice\)](#)
4. [PL \(Packing List\)](#)
5. [MSDS \(Material Safety Data Sheet\)](#)

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