

Polypropylene R60

Exir Polymer's PP R60 recycled copolymer granules are softer but more impact-resistant than other polypropylene types. They offer weldability, chemical resistance, and toughness at low temperatures, with no mixed polyethylene or additives to ensure high purity. Mainly used in pipes, fittings, luggage, and toolboxes, R60 copolymer serves as a base polymer for extrusion and as an additive for injection and blow molding to enhance impact resistance.

Technical Properties

Property	Standard	Condition	Result	Unit
MFI	ASTM D1238	2.16 kg / 230 °C	1	g/10 min
Density	ISO 1183	23°C	0.93	gr/cm ³
Izod Impact	ISO 180	2.71J/notched/23°C	11	Kj/m ²
Tensile strength @Yield	ISO 527	Speed 50 mm/Gauge Length 50	23	Mpa
Tensile strength @ Break	ISO 527	Speed 50 mm/Gauge Length 50	18	Mpa
Elongatin @ Break	ISO 527	Speed 50 mm/Gauge Length 50	20	%
DSC	ISO 11357/6	10 °C/min N2 50ml/min	--	°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	Extrusion	Color	White – Green – Customizable

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 \(Material Safety Data Sheet\)](#)

Quick Access:

- [Visit Our Website](#)
- [Explore Wide Our Range of Recycled Plastic Granules](#)
- [Other Datasheets](#)
- [Loading Capacity Table](#)
- [Suggested Guidelines](#)

Technical Consulting

Technical and engineering consulting to find the right product for the costumer

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Business Consulting

Business consulting in the field of shipping, customs and logistics

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