

Recycled Acrylonitrile Butadiene Styrene

ABS 60401 Black is a high-performance recycled granule designed for industrial plastic parts. It offers excellent impact and heat resistance, surface hardness, and chemical durability. With good machinability and dielectric properties, it is ideal for demanding mechanical and electrical applications.

Technical Properties

Property	Standard	Condition	Result	Unit
MFI	ASTMD1238	10.00 kg / 220 °C	6	g/10 min
Filler Content	ISO3451/1	600°C/30 min	<1	%
Density	ISO 1183	23°C, 50% RH	1.05	gr/cm ³
Izod Impact	ISO 180	5.50J/notched/23°C	5	Kj/m ²
Tensile strength @Yield	ISO 527	Speed 5 mm/Grip 115 mm	40	Mpa
Elongatin @ Yield	ISO 527	Speed 5mm/min GRIP 115 mm	3	%
Tensile strength @ Break	ISO 527	Speed 5mm/min GRIP 115 mm	35	Mpa
Elongatin @ Break	ISO 527	Speed 5mm/min GRIP 115 mm	4	%
Flexural Modulus	ASTMD790	Speed: 1.3mm/min Deflection: 0.5mm	2100	Mpa
Flexural strength	ASTMD790	Speed: 1.3mm/min Deflection: 5.0mm	68	Mpa
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	390330	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 \(Material Safety Data Sheet\)](#)

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 customer

[CONTACT NOW](#)

Business Consulting

Business consulting in the field of shipping, customs and logistics

[CONTACT NOW](#)

Contact Information



info@exirpolymer.com



+98 912 962 3245



Central office and factory:

Arad Exir Polymer Company, Kaveh 4th St, Kaveh St, Morcheh Khort Industrial Town, Isfahan, Iran