

Virgin Acrylonitrile Butadiene Styrene V-6103

Exir Polymer’s Virgin ABS V-6103 granule is specifically designed for injection molding applications. With excellent impact resistance, high dimensional stability, and good processability, it is an ideal choice for manufacturing household appliances, automotive parts, toys, and medical equipment. Key features include strong chemical resistance, good machinability and formability, and a distinctive, eye-catching, and elegant white color. Additionally, Exir Polymer offers custom color production of this granule based on customer requirements.

Technical Properties

Property	Standard	Condition	Result	Unit
MFI	ASTM D1238	10.00 kg / 220 °C	25	g/10 min
Filler Content	ISO3451/1	600°C/30 min	0	%
Density	ISO 1183	23°C, 50% RH	1.05	gr/cm ³
Izod Impact	ISO 180	5.50J/notched/23°C	25	Kj/m ²
Tensile strength @Yield	ISO 527	Speed 5 mm/Grip 115 mm	440	Mpa
Elongatin @ Yield	ISO 527	Speed 5mm/min GRIP 115 mm	-	%
Tensile strength @ Break	ISO 527	Speed 5mm/min GRIP 115 mm	-	Mpa
Elongatin @ Break	ISO 527	Speed 5mm/min GRIP 115 mm	23	%
Flexural Modulus	ASTM D790	Speed: 1.3mm/min Deflection: 0.5mm	2000	Mpa
Flexural strength	ASTM D790	Speed: 1.3mm/min Deflection: 5.0mm	600	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	White

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:

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- [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

[CONTACT NOW](#)

Contact Information

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