



# LOW MELTING POINT BAG

PLASTICKAR, JULY 2021

## LOW MELTING POINT BAG (RUBBER MANUFACTURING)

Benefiting from modern technology and the efforts of creative engineers in our R&D department, PlasticKar manufacturing group is able to produce low melting point bags which are used in the rubber industry.

The main features of this bag include: low melting point (70 to 90 degrees Celsius), high tensile strength and high strike-resistance.

At the first stage of producing rubber, raw material including curing ingredients and additives are mixed in the Banbury mixer and different types of rubber mixtures are produced. For weighing the raw material, low melting point bags are used, because in the case of non-melted bags, raw material remain in the form of impurities within the mixture which eventually reduces mechanical properties of the product.



Most producers use EVA bags (melting point 70 to 80 degrees Celsius), as they have lower melting points compared to PE bags (120 to 135 degrees Celsius).

Currently a new type of PE bag is produced that its melting point can vary from 70 to 90 degrees Celsius and they are much cheaper than the EVA bags. After adding the bags containing the additives to the mixture (while the mixture temperature is about 90 degrees Celsius), the bags will completely melt.



<b>Product Name</b>	Low Melting Point Bag
<b>Other Names</b>	Rubber industry bags, Rubber manufacturing ingredient bags
<b>Application</b>	<ul style="list-style-type: none"> <li>▪ Packing carbon black</li> <li>▪ Oil bags</li> <li>▪ Packing of powdered and dusty ingredients</li> <li>▪ Packing the material of the curing system</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>▪ Reducing pollution in the production environment</li> <li>▪ Additives consumption saving</li> <li>▪ Easy transportation</li> <li>▪ Reducing production waste</li> <li>▪ Recyclable</li> </ul>
<b>Thickness</b>	40 to 150 microns (based on the customer's request)
<b>Width</b>	30 to 80 cm (based on the customer's request)
<b>Color</b>	Transparent (or based on the customer's request)
<b>Packaging</b>	Packed in 10 or 20 kg PE bags.

### Easily Digested by Rubber



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