

## POLYETHYLENE PE 5118QM

<b>Polyethylene PE 5118QM</b>	Product obtained by gas-phase copolymerization of ethylene, butene-1 and hexane-1 in presence of complex metalorganic catalysts
<b>Stabilization recipe:</b>	Antacid, antioxidant, processing additive, dispersant
<b>Application</b>	High-strength stretch film
<b>Chemical name</b>	Ethylene copolymer with butene-1 and hexane-1
<b>Empiric formula</b>	$[(-CH_2)_3-CH(C_2H_5)-CH_2-CH(C_4H_9)]_{n+m+l}$
<b>Technical specification</b>	TU 2211-145-05766801-2008

PROPERTY	VALUE	TEST METHOD
Density (base polymer), g/cm <sup>3</sup> , in the range	0.916 – 0.920	ASTM D 1505
Melt flow rate (at 190°C and 2.16 kg), g/10 min, in the range	2.5 – 3.5	ASTM D1238/L
Melt flow rate ratio (MFR <sub>21.6 kg</sub> /MFR <sub>2.16 kg</sub> ), max	30	ASTM D 1238

<b>Supply form</b>	Pellets
<b>Packaging</b>	Product is packed in 25kilo polyethylene bags and shrink-wrapped on pallets. Gross weight of a bundle is max 2mt. PE may be packed in big bags sized for 400-1000 kg
<b>Transportation</b>	All types of covered transport
<b>Storage</b>	In closed room on shelves or pallets, minimum 2" above the floor and minimum 4 feet from heaters, away from direct sunlight at temperature max 30°C and relative humidity max 80%. Prior to processing, bags with polymer shall be kept in production area for at least 12 hrs

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not relieve the Customer from liability for checking the product for compliance with the proposed application. The manufacturer is not responsible for any losses or damages that may arise due to application of this information