Technical Data Sheet

PE HD03550 GM

High-Density Polyethylene

PRODUCT DESCRIPTION

PE HD03550 GM is a bimodal copolymer of ethylene with high density hexene-1. The product is characterized by balanced physical and mechanical properties. Products made of polymer have high rates of resistance to slow cracking, rigidity and resistance to aggressive media

TYPICAL APPLICATIONS

PE HD03550 GM is recommended for the production of blown products (bottles, cans up to 5 liters), as well as for the production of non-pressure technical pipes with low requirements for the accuracy of geometric dimensions.

Properties	Conditions	Method	Typical values*	Units
Rheology				
Melt Flow Rate	190 °C/2.16 kg	ISO 1133-1	0.30	g/10 min
Physical				
Density		ISO 1183	0.956	g/cm^3
Mechanical				
Tensile Stress at Yield		ISO 527-1	27	MPa
Tensile Strength at Break		ISO 527-1	26	MPa
Elongation at Break		ISO 527-1	500	%

*The values given are typical values measured on the product. These values should not be considered as specification.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS

Contact

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