

FT – 55 : LDPE – B 21/05

PRODUCT DESCRIPTION:

Low density polyethylene,ethylene homopolymer with slip agent stabilization.Ethylene monomer is the only monomer used for producing the macromolecular product.For producing the above-mentioned grade there are not used plasticizers or colored master batches.The product has natural color.

APPLICATIONS:

extrusion, film for liquid packaging,co-extrusion film.

PROPERTIES	UM	VALUES	TEST METHOD
PHYSICAL			
Melt Flow Index (190 °C / 2.16 kg)	g/10min	0.500	ASTM D1238
Density (23 °C)	g/cm ³	0,920	ASTM D792
MECHANICAL			
Tensile strength at breake (23 °C, v=50mm/min)			
- Machine direction	MPa	18	ISO 527/3
- Cross direction		15	
Elongation at breake (23 °C, v=50mm/min)			
- Machine direction	%	300	ISO 527/3
- Cros direction		400	
Slip agent content	ppm	450	OWNER METHOD
THERMICAL			
VICAT Softening Temperature (A - 50°C/h-10N)	°C	100	ISO 306/A

Note:

- The medium value of the mechanical and thermal properties is measured on the standard samples made by injection process (ISO 3167/ ISO 1873-2) conditioned at room temperature (ISO 291)

ADDITIONAL INFORMATIONS:

- The monomers and additives used to produce this product are accepted to be used in accordance with the requirements of Regulation 10/2011/EC, relating to plastic materials and articles intended to come into contact with foodstuffs.
- **Processing informations:**
Thermal profile recommended for extrusion: 160-200°C depending on the type of equipment.
- **Packing/delivery:**
Packing: 25 kg bags or 1000 kg big-bags
Delivery: CP4 Euro pallets (1375 kg /pallet), big-bags (1000 kg)

OTHER INFORMATIONS:

- The **MSDS** for LDPE is available by Sales Marketing Rompetrol Refining offices for the customers. The MSDS contains necessary information in order to ensure customers' own safe in handling and processing activity.
- **CONTACT INFORMATION:**
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