



LOMOTEK POLYMERS

LOMOTEK 1050/04 LDPE

COATING POWDER

MELT FLOW : 20 DENSITY : 0,919

Lomotek 1050/04: Is a Low Density Polyethylene polymer in powder form. It is not UV Stabilized, and is ideal for coating purposes and injection moulding.

Characteristics

- Excellent Low Temperature Resistance
- No UV Stabilization
- Medium ESCR
- Low Rigidity
- Available in many Colours

Applications

- Injection moulded caps
- Thermo coatings
- Dip coatings

<i>Properties</i>	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
MFI (190°C / 2.16 Kg)	20.5	g/10 min	ASTM D 1238
Density	0,919	g/cm ³	ASTM D 1505
Tensile Strength at Yield	10	Mpa	ASTM D 638
Tensile Strength at Break	6	Mpa	ASTM D 638
Elongation at Break	80	%	ASTM D 638
Flexural Modulus	336	Mpa	ASTM D 790
ESCR (F 50)	0.01	Hrs	ASTM D 1693
Impact Energy at - 40°C	N/A	J/mm	ASTM D 3029
Vicate Softening Point	89	°C	ASTM D 1525
Heat Distortion Point	42	°C	ASTM D 648
Average Particle Size	400	Micron	ASTM D 1921
Bulk Density	300	Kg/m ³	ASTM D 1895

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