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TECHNICAL DATA SHEET

HDPE - Code 7 / PRODUCT NAME

Mix Blue, Red, White, Green, Black / PRIMARY COLORS

HDPE / MAIN POLYMER

Analysis method: for MFI testing and DSC analysis, the regrind material is first processed on a laboratory twin screw extruder NOT equipped with filters. Although some variations might still be expected, the mentioned values are therefore a more accurate representation of the final specifications. The physical properties of the extruded material are basically assessed from filaments produced on our laboratory extruder

PHYSICO-CHEMICAL PROPERTIES

Average particle size	mm	4-12 mm
Melt index @190°C, 2,16kg	g/10 min	
Melt index @190°C, 5kg	g/10 min	0,2
Melt index @230°C, 2,16kg	g/10 min	
Regrind color - Main		Mix Blue, Red, White, Green, Black
Regrind color - Spot		

THERMAL PROPERTIES

Melting point(s) (Tm)	140 and 149°C
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SENSORY CHARACTERISTICS

Odor	Mild detergent smell
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PURITY

Other polymer(s)	Possible traces of UHMWPE
Other fractions (s)	None

PHYSICAL PROPERTIES AFTER EXTRUSION

Filament color	Dark Grey
Filament surface	Smooth
Filament mechanical	Good



Regrind



Processed on Twin Screw Extruder