

# MIDILENA I XCF-0.3

Low Density Polyethylene

ROMPETROL PETROCHEMICALS S.R.L.

## Message:

Applications: Irrigation pipe systems, 80 to 250 micron films for: General purpose heavy duty film packaging, greenhouse and industrial films, heavy duty shrink packaging and liners.

General Information			
Features	Homopolymer		
Uses	Film		
	Liners		
	Packaging		
	Piping		
Agency Ratings	EU 2002/72/EC		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ISO 1183
Apparent Density	0.55	g/cm <sup>3</sup>	ISO 60
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (10% Igepal, F50)	18.0	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	10.5	MPa	
Break	17.5	MPa	
Tensile Strain (Break)	600	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306/A50

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