

## SÉEETEC XJ710

## Low Density Polyethylene

### General Information

#### Description

This high, easy flowing resin has medium stiffness but excellent toughness and good gloss. The high MI makes this grade suitable for moulding complex articles or for items produced at short cycle times.

#### Applications

- ◆ Typical articles moulded with this resin are toys, brushes, housewares and, due to its suppleness, lids and closures for containers having relatively large dimensional tolerance.
- ◆ Car mat back coating

### Physical Properties<sup>1</sup>

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	24	g/10min		
Density	ASTM D1505	0.924	g/cm³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	125	kgf/cm²	12.3	Mpa
Tensile Strain (Break)	ASTM D638	150	%	150	%
Flexural Modulus	ASTM D790	2,050	kgf/cm²	201	MPa
Thermal					
Melting Point	LC Method	110	°C		
VICAT Softening Point	ASTM D1525	89	°C		
Additional Properties					
Hardness	ASTM D2240	45	D scale		

### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications