

# SEETEC LDPE XJ700

Low Density Polyethylene  
Lotte Chemical Corporation

Message:

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.

General Information			
Features	Fast Molding Cycle		
	Good Stiffness		
	Good Toughness		
	High Flow		
	Medium Gloss		
Uses	Closures		
	Household Goods		
	Lids		
	Toys		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.914	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	22	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8.83	MPa	ASTM D638
Tensile Elongation (Break)	440	%	ASTM D638
Flexural Modulus	93.2	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	78.0	°C	ASTM D1525
Melting Temperature	103	°C	Internal Method

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

