



Exelene[®] HDPE

Product Data Sheet

High Density Polyethylene
HDPE copolymer
Injection Molding

7500

Melt Flow Rate 7

Density 0.953

Applications

- Industrial containers and pails

Characteristics

- Excellent processability and balance of stiffness, cold impact and ESCR
- The EXELENE HDPE 7500 meets the requirements of section 177.1520, paragraph C, from chapter 21 denominated "Olefin Polymers" from the Code of Federal Regulations of the FDA, to be utilized with direct food contact.

Grade	
Exelene HDPE 7500	

Properties	ASTM Testing	Units	Values
Resin Properties			
Melt Flow Rate	D 1238 (190°C; 2,16 kgf)	g/10 min	7
Density	D 792 (23°C)	g/cm ³	0.953
Tensile Strength @ yield 50mm/min.	D 638	Mpa	28
		psi	4,100
Elongation @ break 50mm/mm	D 638	%	1,300
Flexural Modulus	D 790	Mpa	1,070
		psi	155,000
Hardness Shore D	D 2240		63
Softening Point (Vicat)	D 1525	°C (°F)	124 (255)
ESCR - Condition A, 100% Igepal	D 1693	hr	<10