JAM Petrochemical Company

JPC

HDPE made via Spherilene Process

Product data sheet

526F2BX

526F2BX is a HDPE copolymer for small containers blow molding. This grade is well suited for applications requiring good process-ability, physical properties and resistance to environmental stress cracking.

HDPE: 526F2BX | **Density: 0.952** | **MFI: 0.25**

Features

- *Grade under final development, to be industrilised.*
- *HDPE copolymer*
- *good processability*
- *physical properties and resistance to environmental stress cracking.*

Applications

- *Blow moulding*
- *small containers blow molding*

Additives

- *Grade under final development, to be industrilised.*

Material properties *(This data are typical values and are not to be construed as product specifications.)*

Resin properties	Unit	Typical values	ASTM Method
Melt Flow rate (190°C/2.16Kg) Density	(g/10') (g/ml)	0.25 0.952	D 1238 D 1505
Physical properties @			
Flexural modulus Tensile strenght at yield Tensile strenght at break Elongation at break Notched Izod impact at 23°C Vicat softening point Shore D	(MPa) (MPa) (MPa) (%) (J/m) (°C)	1250 27 32 850 150 127 65	D 790 D 638 D 638 D 638 D256/A D 1525 D 2240
@ On compression molded specimen obtained according to ASTM D 1928 C			
Properties on 1 liter bottle, without handle, 35 g weight (internal testing methods)			
Top Load ESCR Impact resistance (average n. of drops to break. max 15. from 2.8 m at 4°C)	N h No.	300 50 13	