HDPE made via Spherilene Process

Product data sheet
526F1BX

526FIBX is a HDPE copolymer suitable for production of blow molded containers with capacity up to 30 liter. This grade is well suited for applications requiring good processability, physical properties and resistance to environmental stress cracking. 526F1BX is suitable for production of general purpose blown film and blending.

HDPE:526F1BX | **Density: 0.952** | **MFI: 0.12**

Features

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

Applications

- *Blow moulding*
- *containers with capacity up to 30 liter*

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) Melt Flow rate (190°C/ 5.0Kg) Density	(g/10') (g/10') (g/ml)	0.12 0.55 0.952	D 1238 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)	1230 27.5 34 > 850 250 126 65	D 790 D 638 D 638 D 638 D256/A D 1525 D 2240
@ On compression molded specimen obtained according to ASTM D1928 C			
Top Load ESCR Impact resistance (average n. of drops to break. max 15. from 2.8 m at 4°C)	N h No.	290 100 13	