



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 processability, physical properties and resistance to environmental stress cracking.

HDPE: 526F2BX

Density: 0.952

MFI: 0.25

Features



- Grade under final development, to be industrialised.
- 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 industrialised.

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

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Resin properties	Unit	Typical values	ASTM Method
Melt Flow rate (190°C/2.16Kg)	(g/10')	0.25	D 1238
Density	(g/ml)	0.952	D 1505
Physical properties @			
Flexural modulus	(MPa)	1250	D 790
Tensile strenght at yield	(MPa)	27	D 638
Tensile strenght at break	(MPa)	32	D 638
Elongation at break	(%)	850	D 638
Notched Izod impact at 23°C	(J/m)	150	D256/A
Vicat softening point	(°C)	127	D 1525
Shore D		65	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	N	300	
ESCR	h	50	
Impact resistance (average n. of drops to break. max 15. from 2.8 m at 4°C)	No.	13	