

# Jam 526F2BX

High Density Polyethylene  
Jam Petrochemical Company

Message:

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.

- 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

General Information			
Features	Good ESCR (Stress Crack Resist.)		
	Copolymer		
	Workability, good		
Uses	Blow molding applications		
	Container		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, molding	27.0	MPa	ASTM D638
Fracture, molding	32.0	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	850	%	ASTM D638
Flexural Modulus (Compression Molded)	1250	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Compression Molded)	150	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ASTM D1525

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