



# **EE20**

## HIGH DENSITY POLYETHELENE

### **FOR ORIENTED TAPE**

EE20 is a High Density Polyethylene (HDPE) grade with low gel content, excellent elongation and orientation characteristics with negligible water carry-over. This grade is recommended for making low denier raffia tapes with very good elongation and moderate tenacity and recommended for wrapping fabrics for various applications.

Typical Characteristics*				
Property		Test Method	Unit	Typical Value**
Density (23°C)		ASTM D1505	g/cc	0.952
MFI (2.16 kg)		ASTM D1238	g/10 min	1.45
Tensile Strength at Yield (MD	D/TD)	ASTM D882	MPa	30/32
Ultir	/TD)	ASTM D882	MPa	30/33
Elongation at Break (MD/TD	))	ASTM D882	%	800/850
Dart Impact Strength, F <sub>50</sub>		ASTM D1709	g/µm	1.5
Tear Strength (MD/TD)		ASTM D1922	g/µm	0.4/0.8

\*Typical Characteristics and not to be taken as specific;

th 0.75mm die gap & 2.75 BUR

#### **Applications**

Wrapping fabrics and oriented tapes.

## **Regulatory Information**

 Meets the requirements stipular pharmaceuticals, and drinking and the additives incorporated

#### **Storage Recommendations**

• Bags should be stored in dry / c

for Polyethylene for safe use in contact with foodstuffs, of constituents as prescribed in IS: 0141. The grade 7.1520, Olefin polymers.

C and protected from UV / direct sunlight.

Reliance Industries Limited, Product and Application Technology Group.

Swastik Mill Compound, V. N. Purav Marg, Chembur, Mumbai-400 071. Tel.: +91-22-6767 7000. E-mail: polymer\_patsupport@ril.com Website: www.ril.com

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