



Provisional

J16MA400

LOW DENSITY POLYETHYLENE FOR INJECTION MOLDING & MASTERBATCH APPLICATION

J16MA400 is an injection molding grade with high melt flow index for molding of very thin, intricate and large items having adequate mechanical properties. This grade is also an ideal choice for making master batches with higher loading.

TYPICAL CHARACTERISTICS*

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE**
Density (23°C)	ASTM D 792	g/cc	0.918
Melt Flow Index (190°C / 2.16 Kg)	ASTM D 1238	g/10 min.	30
Tensile Strength at Yield	ASTM D 638	MPa	10
Elongation at Yield	ASTM D 638	%	40
Flexural Modulus	ASTM D 790	MPa	140
Notched Izod Impact strength	ASTM D 256	J/m	No Break
Vicat softening point	ASTM D 1525	°C	84

* Typical characteristics and not to be taken as specifications

** Mechanical properties are on Injection molded specimens

APPLICATIONS:

Master batches, powder coating & moldings.

Regulatory Information

For various regulatory and food contact certifications / declarations please contact RIL representative.

Storage Recommendations

- Bags should be stored in dry/closed conditions at temperatures below 50°C and protected from UV / direct sunlight.

Reliance Industries Limited,