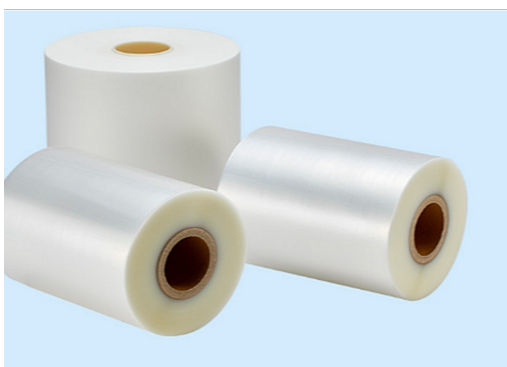


Moplen EP6145

PP Heterophasic Copolymer offering excellent heat resistance and impact strength for retort CPP film applications

Moplen EP6145 is a Polypropylene Heterophasic Copolymer designed for cast film applications requiring an optimal balance of impact strength and stiffness. The grade provides excellent toughness at room and low temperatures while maintaining good mechanical integrity and process stability.



Moplen EP6145 is developed to deliver strong seal performance, good puncture and tear resistance, and reliable performance in retortable packaging structures. Its optimized polymer structure supports stable operation on cast film lines and consistent film quality.

Properties	Test Method	Moplen EP6145
Melt flow rate (230°C / 2.16 kg), g/10min	D1238	2.9
Density, g/cm ³	D792B	0.90
Tensile strength at yield, MPa	D638	27
Elongation at yield, %	D638	11
Flexural modulus, MPa	D790A	1100
Notched izod impact strength at 23°C, J/m	D256A	120
Deflection temperature, at 455 kPa, °C	D648	90

KEY FEATURES

- Good heat seal strength
- Good heat resistance
- Good impact resistance
- Good processability
- Low gel
- Low odor

TYPICAL APPLICATIONS

- Retort CPP film
- General CPP film
- Food and non-food packaging
- Frozen to Microwave food packaging
- EV battery pouches
- Industrial film

FOR MORE INFORMATION

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