



COSMOPLENE® Z435

CHARACTERISTICS

COSMOPLENE Z435 is designed specially for applications which require high transparency. **Z435** is a Polypropylene Random Copolymer with high flow property, it shows high impact resistance and less whitening after impact.

APPLICATIONS

COSMOPLENE Z435 is designed for air tight container, house-hold, cup etc.

COSMOPLENE Z435 complies with U.S. FDA Regulation 21 CFR 177.1520 (C) 3.1a, as long as it is used unmodified and processed according to standard manufacturing practices in the industries.

Note: Direct food contact is subjected to the extraction provisions of the regulation on the finished food contact article.

PHYSICAL PROPERTIES

ITEM	UNIT	Z435	ASTM METHOD
Melt Flow Rate	g/10 mins	20	D1238
Density	g/cm ³	0.90	D1505
Tensile Strength	MPa	25	D638
Elongation	%	> 600	D638
Flexural Modulus	MPa	900	D790
Izod Impact Strength	KJ/m ²	4.5	D256
HDT (4.6 kgf/cm ²)	°C	102	D648
Melting Point	°C	143	TPC
Haze (2 mmt)	%	21	TPC

- The figures presented are typical laboratory averages, only for reference.
- The information is based on our current knowledge, is subjected to continuous updates and is intended to suggest/ recommend product applications and to provide typical data on the related properties. It should not therefore be construed as guaranteeing any specific property of the product. TPC makes no warranty of any kind, expressed or implied, regarding the accuracy of these data.

