



COSMOPLENE® FS1014

CHARACTERISTICS

COSMOPLENE® FS1014 is Polypropylene Homopolymer resin developed for battery separator film with good puncture strength and enhance process ability.

COSMOPLENE® FS1014 is a high purity resin with high isotacticity and low ash content. It does not contain slip, antiblock, nucleating and antistatic additives.

APPLICATIONS

COSMOPLENE® FS1014 is specially designed for battery separator film to be used in Lithium-ion battery by Dry process.

PHYSICAL PROPERTIES

ITEM	UNIT	FS1014	TEST METHOD
Melt Flow Rate	g/10 mins	1.0	ASTM D1238
Density	g/cm ³	0.90	ASTM D792
Melting Point	°C	166	TPC METHOD
Isotactic Index	%	98	TPC METHOD
Catalyst residue, Titanium	ppm	<1	TPC METHOD
Aluminium	ppm	<5	TPC METHOD
Chloride	ppm	<10	TPC METHOD
Total Ash content	ppm	<30	TPC METHOD

- 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.

