

Product Data Sheet - PROVISIONAL

SUMITOMO POLYPROPYLENE

FT3014E

Homopolymer, Sheet and Thermoforming

Applications For high clarity and high stiffness sheet and thermoforming applications.

Characteristics Easy processing, fast cycle time, with nucleating agent.
Excellent mechanical properties, high stiffness, excellent clarity and dimensional stability.

Typical Processing Conditions Extrusion temperature : 230°C - 260°C

Typical Properties

Physical		Value	Unit	Method
Melt Flow Rate	2.16kg	3.0	g/10min	ASTM D1238
Density		0.900	g/cm ³	ASTM D792-A
Mechanical		Value	Unit	Method
Tensile Strength	at Yield	34	MPa	ASTM D638
	at Break	19	MPa	ASTM D638
Tensile Elongation	at Yield	9	%	ASTM D638
	at Break	165	%	ASTM D790
Flexural Modulus		1500	MPa	ASTM D790
Flexural Strength		40	MPa	ASTM D790
Izod Impact, 23°C	Notched	4	kJ/m ²	ASTM D256
Rockwell Hardness		98		ASTM D785
Thermal		Value	Unit	Method
Heat Deflection Temperature	0.45 MPa	120	°C	ASTM D648

The values shown are typical values measured on the product and are not to be considered as guaranteed specifications, actual test results may vary
Test pieces preparation condition : as per ASTM D4101