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Co. Reg. No.: 198001666D

COSMOPLENE[®] AX764

CHARACTERISTICS

COSMOPLENE AX764 is a high impact PP copolymer manufactured by gas phase process licensed from Sumitomo Chemical Co. Japan.

COSMOPLENE AX764 is a high flow, high stiffness, high impact copolymer grade which contains anti-static agent.

APPLICATIONS

COSMOPLENE AX764 is specially designed for tub of washing machine and electrical appliances which require super high flow and high impact strength.

PHYSICAL PROPERTIES

ITEM	UNIT	AX764	TEST METHOD
Melt Flow Rate	g/10 min	50	ASTM D1238
Density	g/cm ³	0.90	ASTM D792
Tensile Strength at Yield	MPa	27.5	ASTM D638
Tensile Strength at Break	MPa	17.5	ASTM D638
Elongation at Break	%	50	ASTM D638
Flexural Modulus	MPa	1350	ASTM D790
Izod Impact (23°C)	J/m	60	ASTM D256
(-20°C)	J/m	37	ASTM D256
Rockwell Hardness	R scale	90	ASTM D785
HDT (0.45MPa)	°C	122	ASTM D648
Shrinkage MD/TD (2mm)	%	1.6/1.7	TPC METHOD
Flammability (E108370)	-	HB	UL 94

INJECTION

Cylinder Temp (°C) : 190 - 230
 Mold Temp (°C) : 30
 Clamp Pressure (Kg/cm²) : 100
 Injection Pressure G (Kg/cm²) : 70

- 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.



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COSMOPLENE[®]

COSMOTHENE[®]

COSMOTHENE[®] EVA

POLYPROPYLENE

LOW DENSITY POLYETHYLENE

ETHYLENE VINYL ACETATE COPOLYMER