The Polyolefin Company (Singapore) Pte. Ltd.

COSMOTHENE® EVA

CHARACTERISTICS

COSMOTHENE EVA is produced by the latest autoclave process technology licensed by Sumitomo Chemical Co. Japan.

COSMOTHENE EVA have good processability, tough, elastic, good ESCR and good low temperature resistance.

APPLICATIONS

Mold wedge for sports shoe soles, cushioning materials and thermal insulation, beach sandals etc.

PHYSICAL PROPERTIES (SHEET):

ITEM	TEST METHOD	UNIT	H2181	H2020	K3212
Vinyl Acetate Content	TPC METHOD	Wt. %	18	15	21
Melt Flow Rate	ASTM D1238	G/10 min	2	1.5	3
Density	ASTM D792	g/cm^3	0.94	0.93	0.94
Tensile Strength at break	ASTM D638	MPa	22.6	21.6	19.6
Elongation	ASTM D638	%	800	800	800
Surface Hardness	ASTM D2240	Shore D	32	30	28
Stiffness	ASTM D747	MPa	49.0	58.8	29.4
Vicat Softening Point	ASTM D1525	°C	63	68	58
Brittle Point	ASTM D746	°C	< -75	< -75	< - 75
ESCR *	ASTM D1693	Hr	> 300	> 300	> 300

- 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.

Responsible Care®
OUR COMMITMENT TO SUSTAINABILITY

CERTIFICATE SG99/16071 CERTIFICATE SG05/00847