Hanwha
Ethylene Vinyl Acetate copolymer

EVA 2518

Foam Molding Grade

MELT INDEX **2.5**
VA CONTENT **18.2**

Hanwha EVA 2518 is manufactured by IPC, an affiliate of Hanwha in The Kingdom of Saudi Arabia using an Exxon-Mobil high pressure tubular process and designed for variety of foam molding application such as shoes and sandals etc.. EVA 2518 is well known for its excellent processability and high quality assurance.

▣ Outstanding Properties

Excellent Foam Molding Property
Very Good Mechanical Properties
Excellent Loading Property of Various Fillers
Good Elastic Property of Sponge

▣ Additives

Anti-Oxidant

▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	2.5
VA Content	wt%	IPC Method	18.2
Density	g/㎤	IPC Method	0.935
Vicat Softening Point	℃	ASTM D1525	64
Melting Point	℃	IPC Method	87
Tensile Strength at Yield	MPa	ASTM D638	5.2
Tensile Strength at Break	MPa	ASTM D638	11
Elongation at Yield	%	ASTM D638	260
Elongation at Break	%	ASTM D638	>800
Flexural Modulus	MPa	ASTM D790	60
Hardness	Shore A/D	ASTM D2240	76/36

[1] These are typical values, not specifications. Some of the physical property values depend on the test equipment geometry and test conditions.

Hanwha Chemical

Hanwha Chemical Malaysia Sdn. Bhd., Level 22, Menara Citibank, 165 Jalan Ampang, 50450 Kuala Lumpur, Malaysia.
Tel: +60-3-2161-8001 Fax: +60-3-2163-6001