

Evatane® 40-55

乙烯醋酸乙烯共聚物

Arkema

Technical Data

产品说明

EVATANE® 40-55 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerisation process. It's stabilized with antioxidants and contains slip and antiblock additives.

The High Vinyl Acetate content of EVATANE® 40-55 brings softness, flexibility, polarity and high solubility. EVATANE® 40-55 is compatible with tackifying resins and waxes. Combined with a high fluidity, it's a useful product for hot melt adhesives formulation. It can be compounded with high levels of filler for HFFR cable applications. EVATANE® 40-55 is also a material of choice for solvent base adhesives and inks formulation.

EVATANE® 40-55 is soluble in aromatic solvent like toluene, benzene, xylene up to 45% at R.T. and partially soluble up to 15% in MEK, MIBK and DIBK. It is Insoluble in alcohols.

总体

材料状态	• 已商用：当前有效		
资料 ¹	• Technical Datasheet (English)		
搜索 UL 黄卡	• Arkema		
供货地区	• 北美洲 • 非洲和中东	• 拉丁美洲 • 欧洲	• 亚太地区
添加剂	• 抗结块剂	• 抗氧化性	• 增滑剂
性能特点	• 抗氧化性 • 良好的柔韧性	• 柔软 • 无规共聚物	
用途	• 电缆护套	• 粘合剂	
形式	• 颗粒料		

物理性能	额定值	单位制	测试方法
密度	0.960	g/cm³	ISO 1183
熔流率 (190°C/2.16 kg)	48 到 62	g/10 min	ASTM D1238
机械性能	额定值	单位制	测试方法
抗张强度 (断裂)	7.00	MPa	ASTM D638 ISO 527-2
伸长率 (断裂)	900 到 1100	%	ASTM D638 ISO 527-2
硬度	额定值	单位制	测试方法
硬度计硬度 (邵氏 A)	50		ASTM D2240 ISO 868
热性能	额定值	单位制	测试方法
维卡软化温度	< 40.0	°C	ASTM D1525 ISO 306
熔融温度	54.0	°C	DSC

补充信息

VA Content, FTIR (internal) Test Method: 38-41% wt.
Max Melt Temp: <230°C