EVA1802

Ethylene Vinyl Acetate Copolymer

Relene EVA1802 is a co-polymer of Ethylene and vinyl acetate. It is produced by continuous bulk polymerization process using stirred autoclave reactors. EVA1802 is recommended for injection, extrusion, compression and blow moulding process. This material exhibits good flexibility, good transparency, good impact strength and superior ESCR.

TYPICAL CHARACTERISTICS*

Property	Test Method	Unit	Typical Value**
Vinyl Acetate Content	RIL Test Method	%	18
Density (23 ^{O} C)	ASTM D 792	gm/cm^3	0.936
Melt Flow Index	ASTM D1238	g/10 min	2
Tensile Strength at Break	ASTMD638	MPa	20
Elongation at Break	ASTM D638	%	750
Vicat Softening Temperature	ASTMD 1525 (1 Kg Load)	degC	64

*Typical Characteristics and not to be taken as specifications
**Mechanical Properties are on Compression Moulded Specimen

APPLICATIONS :

Microcellular Products, Profiles, Injection and Blow moulded components.

Regulatory Information

Meets the requirement stipulated in standard IS: 10146-1982 on “Specification for Polyethylene for safe use in contact with foodstuffs, pharmaceuticals, and drinking water”. It also conforms to positive list of constituents as prescribed in IS: 10141-1982. The grade and the additives incorporated in it also comply with the FDA:CFR Title 21.177.1520, Olefin polymers.

Storage Recommendations

- Bags should be stored in dry/closed conditions at temperatures below 50°C and protected from UV / direct sunlight.