

Vistalon 7500 EPDM

Vistalon 7500 is an EPDM grade of high molecular weight, with a low ethylene content and a high diene level. It is produced with ExxonMobil Chemical's proprietary bimodal molecular weight distribution technology.

Vistalon 7500 is ideal for the manufacturing of profiles and hoses combining high collapse resistance and smooth extrusion.

Typical Properties:

- [Vistalon Grade Slate–Typical Properties](#)

Benefits of Vistalon 7500

- Consistent quality of mixed compound
- Improved productivity of mixing, extrusion and molding
- Reduced inventories when used as single grade
- High collapse resistance
- High elasticity with easy processing

Ideal for Solid Sealing Profiles and Moldings

Application	Requirement	Profile type
Weather strips	Collapse resistance	60-75 Shore A
Building window profiles	DIN 7863, AFNOR 85.301	60-70 Shore A
Water O-rings	NEN 7103, DIN 4060	50 Shore A
Radiator hoses	Compression set High green strength	60-70 Shore A
Radiator seals	Injection/compression molding	60 Shore A
Q-light gaskets	Injection/compression molding	60-70 Shore A
Washing machine gaskets	Injection/compression molding	50 Shore A
Air ducts	Injection/compression molding	60-70 Shore A
Bellows	Injection/compression molding	60 Shore A

Extrusion

Vistalon 7500 helps improve the efficiency of existing extrusion equipment. It requires lower energy consumption on the extrusion line and reduces die head pressures. Extrusion is faster than with conventional grades, resulting in increased extrusion equipment capacity .

The high green strength of Vistalon 7500 provides reliable feeding of extruders. Its high molecular weight leads to optimum collapse resistance. Vistalon 7500 is therefore suited for the extrusion of complex, thin profiles and hoses demanding a high collapse resistance.

Vulcanization

The curing properties of Vistalon 7500 make it an optimum single grade for continuous vulcanization (UHF, LCM, fluid bed, shear head) and autoclave cure. The low compound viscosities achieved with Vistalon 7500, combined with its cure characteristics, lead to easier flow and faster mold filling, giving reduced injection molding cycle times.