



ENFLEX VM-564-85A

ENFLEX-V

Product Description :	This polyolefin based dynamically vulcanized TPE-V compound is flame retardant and dio1ine free.ENFLEX® series are competely recyclable and can be processed with conventional thermoplastics machinery
Additive Packages :	F / Heat and UV stabilizer and flame Retardant /
Key Features :	V0 at 1,6 mm according to UL94 (internally tested) Excellent ozone, UV and weathering resistance Rubberlike elasticity in a wide temperature range Colorable with proper MB (PE, PP, etc. Based)
Process Method :	extrusion, coextrusion, sheet extrusion, injection/multi injection molding
Uses :	Automotive, construction, electric&electronics, wire&cable, industrial applications

	Value	Unit	Standard
Physical			
Hardness	85	SHORE A	ISO 868 (3 second)
Density	1,15	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	4,5	Mpa	ISO 37, DIN 53504
300% Modulus	6,2	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	8,1	Mpa	ISO 37, DIN 53504
Elongation at Break	473	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	61	N/mm	ISO 34-1 Method B
Flammability			
Flammability (1,6 mm)	V0	*	UL 94

Environmental Resistance

Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair



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Sulphuric Acid	Good
Detergent	Good

Drying Condition

Drying Time(hr)	2
Drying Temperature(°C)	80-90

Molding Condition (°C)

1st Zone (hopper)(°C)	170-180
2nd Zone(°C)	180-190
3rd Zone(°C)	190-200
Nozzle(°C)	200-210
Melt Temperature(°C)	210-220
Mold Temperature(°C)	10-50
Max Allowable Melt Temperature(°C)	250 C

