

THERBAN[®] VP KA 8796 (Trial Product)

Product Description

Therban VP KA 8796 is a masterbatch of Therban 3467 with zinc diacrylate monomers and proprietary viscosity modifiers and scorch retardants. The rubber hydrocarbon content is approximately 50% and the zinc diacrylate content is approximately 39.1%. Compounds prepared from Therban VP KA 8796 mixed with Therban 3467 must be vulcanized by peroxide curing systems. Peroxide curing systems are recommended if an optimum balance of compression set behavior and improved heat resistance is desired. CAUTION: Unsaturated carboxylic acid salts as compounding ingredients, whether preformed or produced in-situ, will bond directly to mild steel and clean aluminum surfaces. PTFE mold lubricants or permanent PPS/PTFE resin coatings on mold surfaces are recommended.

Supply Form

Pellets

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+4) 100°C	22 ± 7	MU	ISO 289/ASTM D 1646
Acrylonitrile content of base polymer	34	wt %	ISO 24698-1
Residual double bonds of base polymer	5.5	%	IR Spectroscopy

Other Product Features

Property	Typical Value		
Specific gravity	1.14		
Cure characteristics	MDR 170°C, micro-dies, ± 0.5 degree arc, 30 min running time and no preheat		
	Typical values:		
	Property	Value	Test method
	Delta torque	43 dNm	ASTM D 5289
	ts2	1.0 min	ASTM D 5289
	Mooney scorch t5 at 135°C	20 min	ASTM 1646
Test formulation *:	Therban [®] VP KA 8796	100	(phr)
	Therban [®] C 3467	50	
	Poly Dispersion VC 60P	4	

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Color/Form	Light yellow
Packaging	Pellets in a 20 kg bag, (melting point of bag =85°C) Bag shipped in cardboard box to exclude contamination and minimize damage
Shelf-life	12 month from date of production at temperatures not exceeding 35 °C in dry conditions; exposure to light has to be avoided
Product Safety	Relevant safety data and references as well as the possibly necessary warning labels are to be found in the safety data sheet.

These raw material properties are typical and, unless specifically indicated otherwise, are not to be considered as delivery specification.

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This is a trial product. Further information, including amended or supplementary data on hazards associated with its use, may be compiled in the future. For this reason no assurances are given as to type conformity, processability, long-term performance characteristics or other production or application parameters. Therefore, the purchaser/user uses the product entirely at his own risk without having been given any warranty or guarantee and agrees that the supplier shall not be liable for any damages, of whatever nature, arising out of such use. Commercialization and continued supply of this material are not assured. Its supply may be discontinued at any time. In other respects, the trial product is subject to our current version of the General Conditions of Sale and Delivery.

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