



SOVEREIGN CHEMICAL COMPANY

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Ribetak[®] 7530 E

Manufacturer:	SI Group
Classification:	Thermoreactive octyl-phenol formaldehyde curing resin
Chemical Composition:	p-t-octylphenol formaldehyde polymer

Physical Data

Specification Properties	Value	Test Method
Softening point	80-90°C	03660 Ring & Ball
Methylol content	7.5-9.5%	03260
Typical Properties		
Physical Form	Flakes	Visual
Color	Yellow	Visual
IR Control	2.0 minimum	03780
Ash	< 0.1%	02241(800°C)
Acid number	30-50	03240
Density	0.97-1.05	01030

SI Group test methods are available upon request.

Applications

Uses: Ribetak[®] 7530E is a thermoreactive resin with Ring & Ball of 80-90°C. It is used in curing butyl and other elastomers with low unsaturation. Ribetak[®] 7530E main uses are in butyl curing bladders, air bags, seals, pharmaceutical parts, masking tapes and other products subjected to high heat and steam. It is also used in the production TPR elastomers. Ribetak[®] 7530E gives superior life cycle to butyl products compared to competitive resins.

Solubility: Ribetak[®] 7530E has excellent solubility in aromatic hydrocarbons, chlorinated solvents and ketones.

Recommended Dosage: The resin dosage depends on the properties desired, the level and type of polychloroprene used. In most cases the level of Ribetak[®] 7530E used is between 7 and 10 phr.

Processing: Although Ribetak[®] 7530E alone can cure the rubber, in order to obtain a reasonable curing time, the addition of an halogen donor is recommended. A polychloroprene rubber (CR) at a 3 to 5 phr dosage gives the best overall results. Ribetak[®] 7530E must be added at the end of the mix cycle. A temperature of at least 110°C, but not higher than 130°C, is required in order to obtain a good dispersion without risking scorching.

Packaging and Storage

Packaging: 25 Kg (55.1 Lb.) bags on 1000 Kg net polyethylene-wrapped pallets.

Shelf Life: 18 months from date of manufacture if stored as indicated below.

Storage: Store in cool, dry storage area in original packaging.

Specification Date: June 28, 2006 (supersedes May 12, 2005)