

Actmix® BCS-41/IIR

Vulcanizing agent

Function	Curing agent for butyl rubber and other rubbers; especially suitable for the vulcanization of bladders and curing bags based on IIR.	
Production description	Composition:	Combination of a thermo-reactive alkylphenol resin with zinc oxide (70 %); elastomer binder (IIR) and dispersing agents (30 %)
	Appearance:	Off-white granules
	Density 20°C:	1.2 g/cm ³
	Safety characteristics:	Refer to SDS
Application		
Use:	Actmix® BCS-41/IIR is a complete cure package for the curing of butyl based elastomer compounds. Since this resin already contains chemically bound halogen, no additional halogen (rubber) is required for the cure reaction to take place. A more uniform incorporation of the resin and zinc oxide is achieved with BCS-41/IIR as compared with systems where the individual ingredients are added separately in the mixer. Since the resin is fully incorporated in the butyl binder, the tendency for it to harden on the mixer walls is greatly reduced or even eliminated.	
Processing:	The butyl polymer binder and excellent homogeneity of the product allows quick absorption and excellent dispersion into the rubber. In this way, optimal activity of the cure system is assured.	
Dosage:	Usually 25 parts of Actmix® BCS-41/IIR are used for cross-linking 100 parts of rubber.	
Application	Tire curing bladders, technical rubber parts made of butyl .	
Packaging:	Net weight 25kg carton lined with PE bag; 600 kilos per pallet.	
Storage stability:	In original closed containers under cool, dry and well-ventilated conditions 365 days after date of production.	
Handling:	For additional handling information on BCS-41/IIR please refer to safety data sheet.	

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.