

KER® 1502

Emulsion Styrene Butadiene Rubber

Synthos S.A.

Message:

KER® 1502 is a standard grade of styrene-butadiene rubber. It is produced by a technology of cold emulsion copolymerization based on soaps of rosin and fatty acids and contains 23.5% of chemically bonded styrene. It is coagulated by a system of acid and synthetic coagulant, does not contain extender oil and is stabilized by a nonstaining antioxidant.

KER® 1502 is used for production of tyres, coloured rubber articles to be used in automotive, footwear and electrical industry as well as for production of hard rubbers and ebonites.

Synthos Dwory Sp. z o.o. holds certificate issued by ISEGA approving application of KER® 1502 for manufacture of goods intended to come in contact with foodstuffs in accordance with BfR and FDA requirements.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Food Contact Acceptable		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Footwear		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	FDA Unspecified Rating		
	ISEGA Food Contact, Unspecified Rating		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	45 to 55	MU	ASTM D1646
Bound Styrene	22.0 to 25.0	%	ASTM D5775
Ash Content	< 0.4	wt%	ASTM D5667
Organic Acid	5.0 to 7.5	wt%	ASTM D5774
Soap	< 0.4	wt%	ASTM D5774
Volatile Matter	< 0.70	wt%	ASTM D5668

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