

KER® 1789

Emulsion Styrene Butadiene Rubber

Synthos S.A.

Message:

KER® 1789 is a grade of oil extended styrene-butadiene rubber. It is produced by a technology of cold emulsion copolymerization based on soaps of rosin and fatty acids and contains 40.0% of chemically bonded styrene. It is coagulated by a system of acid and synthetic coagulant, contains 27% (37.5 PHR) of extender oil with reduced content of polycyclic aromatics (RAE grade) and is stabilized by a staining antioxidant.

APPLICATION

KER® 1789 is appropriate for rubber compounds used for production of tyres including tyre re-treading, and various technical rubber articles. It is not approved for production of rubber articles coming into contact with food or drinking water.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	50 to 60	MU	ASTM D1646
Bound Styrene	38.5 to 41.5	%	ASTM D5775
Ash Content	< 0.4	wt%	ASTM D5667
Oil Content	25 to 29	wt%	ASTM D5774
Organic Acid	4.0 to 6.0	wt%	ASTM D5774
Soap	< 0.4	wt%	ASTM D5774
Volatile Matter	< 0.80	wt%	ASTM D5668

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