

# KER® 1783

Emulsion Styrene Butadiene Rubber

Synthos S.A.

## Message:

KER® 1783 is a standard 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 23.5% 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® 1783 is appropriate for rubber compounds used in the production of car tyres including tyre re-treading, conveyor belts 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		
Uses	Automotive Applications		
	Conveyor Parts		
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
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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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