

Sumiliteresin® PR-10 I

Phenolic

SBHPP

Message:

SUMILITERESIN® PR-10 I is a standard straight novolak type powder with short gel time. It is generally apply for Brake Lining and Disc Pad.

Characteristics

SUMILITERESIN® PR-10 I is a powder phenolic resin with good friction properties, good process, and other merit in production of friction.

SUMILITERESIN® PR-10 I has short gel time / fast cure type. By this properties, hot process and post curing time can be reduced.

SUMILITERESIN® PR-10 I has hexamine content about 7.5% and middle molecular weight. It will improve balance friction coefficient, hardness and wear rate.

General Information		
Features	Workability, good	
	Fast curing	
	Rapid solidification crystal point	
	Medium molecular weight	
Appearance	White	
	Yellow	
Forms	Powder	
Physical	Nominal Value	Unit
Flow Length (125°C)	2.20 - 4.20	cm
Sieve Analysis - 106mm		%
Thermal	Nominal Value	Unit
Melting Temperature	95.0 - 105	°C
Uncured Properties	Nominal Value	Unit
Gel Time (150°C)	1.0 - 1.4	min

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Recommended distributors for this material

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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