

Sumiliteresin® PR-1012 AI

Phenolic
SBHPP

Message:

SUMILITERESIN® PR-1012 AI is a High reactive of standard straight novolak type powder. It is generally applied for Brake Lining and Disc Pad and others application.

Characteristics

SUMILITERESIN® PR-1012 AI is a powder phenolic resin with good friction properties, good process, and other merit in production of friction.

SUMILITERESIN® PR-1012 AI has short gel time and very fine particle size. It has high reactive resin and fast cure. It is effective to reduce hot process and post cure time.

SUMILITERESIN® PR-1012 AI has hexamine content 9% and middle molecular weight. By this properties, it will be suitable to apply in brake lining and disc pad with good hardness and bending strength.

General Information		
Features	High reactivity	
	Workability, good	
	Fast curing	
	Rapid solidification crystal point	
	Medium molecular weight	
Appearance	White	
	Yellow	
Forms	Powder	
Physical	Nominal Value	Unit
Flow Length (125°C)	3.50 - 5.00	cm
Sieve Analysis - 75µm		%
Thermal	Nominal Value	Unit
Melting Temperature	93.0 - 100	°C
Uncured Properties	Nominal Value	Unit
Gel Time (150°C)	0.75 - 1.1	min

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