

Jiangsu Frechem Co., Ltd

Frechem

Technical Data Sheet

FL-5

Description

Composition: 50% BpAF/BTPPC salt master batch in FKM

Form and Color: Small pellets, white to light pink

Compound Properties Based on FL-5

Recipe	A	B
FKM Copolymer with Mooney 50	95	96
FL-5	5	4
Calcium Hydroxide	6	6
Magnesium Oxide (highly active)	3	3
N990	25	25
WS-280	0.5	0.5
Carnauba Wax	1	1
Total phr	135.5	135.5

Compound Properties

Cure Condition: Slab Cure: 170°C×10min; Post Cure: 230°C×24hrs

Tensile Strength	ASTM D412-C	MPa	15.2	14.8
Elongation at Break	ASTM D412-C	%	210	230
Hardness	ASTM D2240	Shore A	76	74
Tear Strength-Angle	ASTM D624-C	KN/m	27	26
Compression Set, 200°C×22hrs	ASTM D395	%	11	14
Compression Set, 200°C×70hrs	ASTM D395	%	19	22

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