

## EasyCure™ AF-50 and BP-33

### ● Description

#### AF-50

Composition: 50% FKM curative master batch in a copolymer FKM  
 Form and Color: Small pellets.  
 Homogeneous white.

#### BP-33

Composition: 33% FKM accelerator master batch in a copolymer FKM  
 Form and Color: Small pellets.  
 Homogeneous white.

### ● Typical Recipe based on EasyCure

Item	Description	O-Ring Application	Shaft Seal Application
		RT1047	RT1048
A-500SC	Copolymer,55MV	95.8	96.4
AF-50		2.8	2.4
BP-33		1.4	1.2
N990	Carbon Black	20	20
Calcium hydroxide		6	3
Magnesium oxide (highly active)		3	6
WS-280		1	1
Carnauba wax		1	1
<b>Total Phr</b>		<b>131</b>	<b>131</b>
<b>MDR 177°C×8min</b>			
ML	dNm	1.2	1.32
MH	dNm	16.2	13.0
Ts1	min	0.79	0.95
Ts2	min	0.88	1.15
T10	min	0.85	1.01
T50	min	1.14	1.67
T90	min	2.22	2.7
<b>Slab Cure 177°C×10min</b>			
Specific Gravity	g/cm <sup>3</sup>	1.81	1.82
Hardness	Shore A	69	66
Tensile Strength	MPa	7.3	7.7
Elongation	%	344	446
100% M	MPa	2.5	2.0
<b>Post Cure 230°C×24hours</b>			
Hardness	Shore A	71	67
Tensile Strength	MPa	13.2	13.7
Elongation	%	252	333
100% M	MPa	3.9	2.7
Compression Set,200°C×22 hours	%	12	13
Compression Set,200°C×70 hours	%	20	23