

# MKOREZ<sup>®</sup>

KOLON INDUSTRIES

## Multi-performance Hydrocarbon Resins

Tire /  
Adhesive /  
Sealant /  
Paint /  
Rubber



### PMR Grades Specifications

6) Color : 50% Toluene Solution 7) 100% Molten Resin (200°C, 5hrs)

Item Unit	Softening Point <sup>6</sup> °C	Color <sup>6</sup> Hazen#	Heat Stability <sup>7</sup> Gardner#	Acid Value KOHmg/g	Features	Production Site
Test Method	ASTM E 28	ASTM D 1209	ASTM D 1544	ASTM D 974		
MK-85	80 – 90	Max. 30	Max. 0.3	Max. 0.1	Pure Monomer Resin	Yeosu
MK-100	95 – 105	Max. 30	Max. 0.3	Max. 0.1	Pure Monomer Resin	Yeosu
MK-115	110 – 120	Max. 30	Max. 0.3	Max. 0.1	Pure Monomer Resin	Yeosu
MK-140	135 – 145	Max. 30	Max. 0.3	Max. 0.1	Pure Monomer Resin	Yeosu
MK-2085	80 – 90	Max. 30	Max. 0.3	Max. 0.1	Performance Resin for Tire	Yeosu
MK-2100	95 – 105	Max. 30	Max. 0.3	Max. 0.1	Performance Resin for Tire	Yeosu
MK-2115	110 – 120	Max. 30	Max. 0.3	Max. 0.1	Performance Resin for Tire	Yeosu

### LP Grades Specifications

8) 100% Molten Resin

Item Unit	Color <sup>8</sup> Gardner#	Viscosity @25°C, cps	Acid Value KOH mg/g	Features	Production Site
Test Method	ASTM D 1544	ASTM D 3236	ASTM D 974		
LP-9800	Max. 15	7,000 – 9,000	Max. 0.5	Liquid C9 resin	Yeosu
LP-9800S	Max. 12	7,000 – 9,000	Max. 0.5	Liquid C9 resin, Light color	Yeosu

### HRR Grades Specifications

9) 50% Toluene Solution

Item Unit	Softening Point °C	Color <sup>9</sup> Gardner#	Features	Production Site
Test Method	ASTM E 28	ASTM D 1544		
HRR-100	97 – 107	Max. 7.7	Reactive Resin	Yeosu

### DLP Grades Specifications

10) 100% Molten Resin

Item Unit	Color <sup>10</sup> Gardner#	Viscosity@60°C, cps	Features	Production Site
Test Method	ASTM D 1544	ASTM D 3236		
DLP-1	Max. 15	2,200 – 3,400	Performance Resin for Tire	Yeosu
DLP-2	Max. 15	8,000 – 12,000	Performance Resin for Tire	Yeosu

### Applications

Application	Main Components	Recommended SUKOREZ <sup>®</sup> Grades
Hot Melt Based Adhesives	EVA, me-PO, Wax	MK-100
Non-Woven	SIS, SBS, SEBS, me-PO	MK-85, MK-115, MK-140
Tire	NR, BR, SBR, NdBR	MK-2085, MK-2100, MK-2115, LP-9800, DLP-1, DLP-2
Sealants	LDPE, APO, SEBS	MK-100, MK-115, MK-140
Thermoplastic Elastomers	SIS, SBS, SEBS	MK-140
Wax Compounding	Wax	MK-85, MK-100, MK-115, MK-140
Paints and Coatings	Alkyd Paint	LP-9800, LP-9800S
Reactive Hot Melt Adhesives	POR	HRR-100