



ARKON P and M series

1. Product Information

ARKON is a premier water-white hydrocarbon resin, developed and introduced as the world's first hydrogenated hydrocarbon resin developed by Arakawa. ARKON has colorless and transparent qualities that are especially suitable for use in light-colored products. The excellent UV and thermal stability of ARKON will maintain the product's performance for an extended period. To support the various applications, ARKON has been produced under the most advanced quality control.

ARKON is produced in Arakawa's plants in Japan and Germany. The P-type ARKON is fully hydrogenated, while the M-type ARKON is partially hydrogenated.

2. Typical Properties

P-series	P-90	P-100	P-115	P-125	P-140
Color (Hazen)	20	20	20	20	20
Softening Point (R&B, °C)	90	100	115	125	140
Molecular Weight (Mw)	1,160	1,260	1,570	1,730	2,220
Tg (°C)	48.0	58.5	72.0	81.0	86.0
Flash Point (COC, °C)	210	215	225	235	255

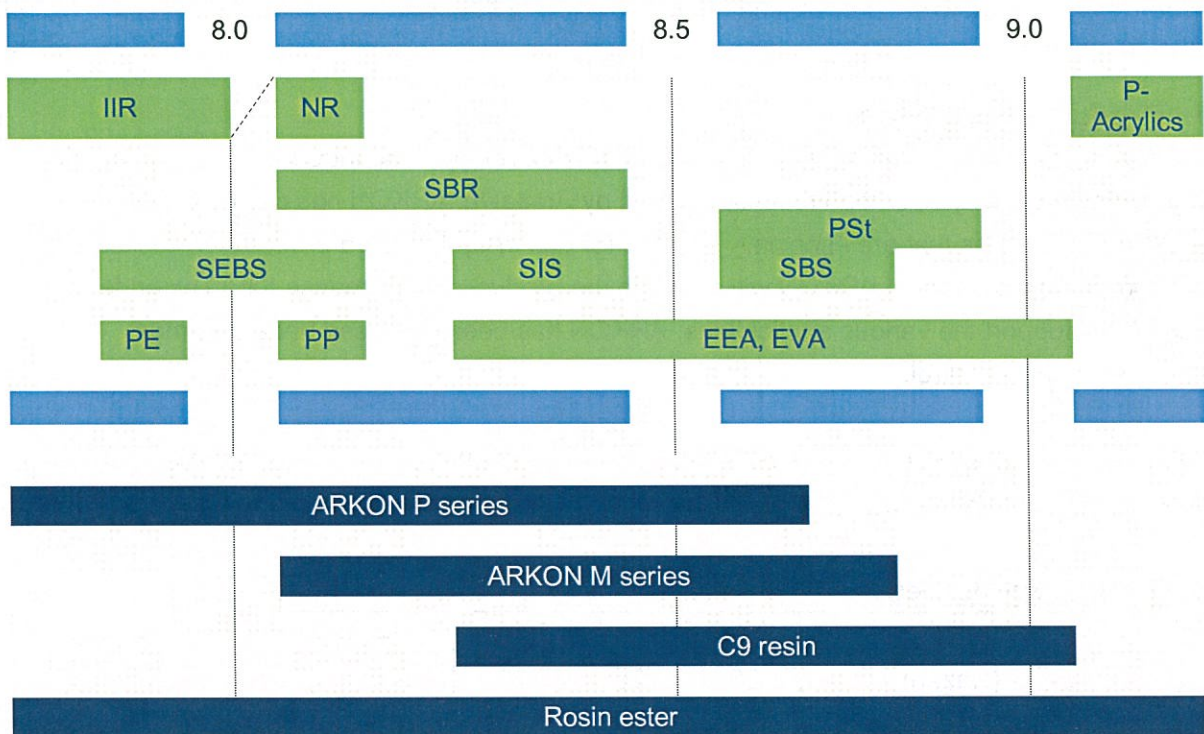
M-series	M-90	M-100
Color (Hazen)	30	30
Softening Point (R&B, °C)	90	100
Molecular Weight (Mw)	1,230	1,320
Tg (°C)	47.0	57.0
Flash Point (COC, °C)	205	210

Color (Hazen) and Softening Point (R&B, °C): Measured by Arakawa's own method,
Molecular Weight (Mw): GPC method, Tg(Glass Transition Point): DSC method,
Flash Point: ASTM D92-90

3. Packaging

55.115LB (=25KG) net in paper bag (Japanese origin) and plastic bag (German origin),
40 bags per skid

4. Solubility Parameter



5. FDA Status

ARKON is in compliance with the requirements of the U.S. Food and Drug Administration for use in food packaging and food processing operations as specified in the Code of Federal Regulations, Title 21, under the following sections and subject to the provisions therein:

175.105: Adhesives

176.170: Components of Paper and Paperboard in contact with aqueous and fatty foods

176.180: Components of Paper and Paperboard in contact with dry foods

177.1520: Olefin Polymer (only for ARKON P-115, P-125 and P-140)

177.2600: Rubber articles intended for repeated use

