

ADK CIZER - Plasticizer for Rubbers

ADK CIZER RS-series are Designed especially to improve Long Term Heat Aging properties and Low Temperature Flexibility for Elastomers. ADK CIZER RS Series are particularly effective to NBR, ACM, AEM, HT ACM, ECO, HNBR, CR, CSM, PU etc...

ADK CIZER	RS-107	RS-700	RS-705	RS-735	RS-759	PN-5090	C-9N	PN 6122	C-8BF
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">Properties</div> <div style="margin: 0 10px;">→</div> <div style="border: 1px solid black; padding: 2px;">Composition</div> </div>	Polyetherester Type	Polyetherester Type	Polyether Type	Polyetherester Type		Adipic Acid Polyester Type	Tri Isononyl Trimellitate (TINTM)	Benzonate Ester	Trimellitate
Viscosity : mPa·s(25°C)	20	30	10	80	25	10000	210	125	220
Specific Gravity : 25/25°C	1.020	1.005	0.996	1.043	1.45	1.128	0.980	1.12	0.97
Color : APHA	60	80	100	120	300	60	100	120	-
Acid value : KOHmg/g	0.4	0.1	0.1	0.3	0.5	0.3	0.3	0.2	0.1
Flash point : °C	215	221	>282	252	>200	>282	260	214	265°C
Pour point : °C	-47	-53	-7	-8	-	-7	-	-40	-

ADK CIZER	Advantages
RS - 107	Excellent in low Temperature Property and Heat Aging Stability.
RS - 700	Improved type of RS - 107. Excellent Heat Aging Stability for Long-Term use.
RS - 705	Provide Excellent Low Temperature Flexibility.
RS - 735	Excellent Heat Aging Stability for Long-Term use, Better heat aging stability than RS-700.
RS - 759	It is especially designed to impart excellent low temperature flexibility and heat Resistance.
PN - 5090	A very low extractable Eco-friendly Plasticisers, Excellent oil resistance.
C-9N	Excellent Heat ageing Stability , Volatility & Electrical Insulation property. Mainly used for Wire & Cable at High Heat temperature, Automotive upholstery, etc.
PN-6122	Good Compatibility for Polar Rubbers, High Resistance to extraction by oil.
C-8BF	Very high heat stability, Bisphenol Free

Recommendations		
Synthetic Rubber	Sulfur or Amine Cure	Peroxide Cure
AEM	RS-735, RS-759, PN-6122	C-9N
ACM / HT-ACM	RS-735, RS-759, PN-6122	-
H-NBR	RS-700, PN-6122, C-8BF	C-9N
ECO	RS-700, PN-6122	-
NBR	RS -705, RS-700, PN-5090, RS-107, PN-6122, C-8BF	-
CSM / CR, CSP, CPE, CR	RS-107, RS-700	C-9N
PU	PN-6122	-

