EASTMAN

Typical Physical Properties
EASTOTAC resins

Some products contain physical properties that are not displayed in the columns below. To locate the information needed, please choose the product link below. The properties may be found on the datasheet, SDS or sales specification.

Eastotac E-Series (Economic grade)

Products	Ring and Ball Softening Point	Color, Gardner[a]	Cloud Point[b]		Molecular Weight[c]				Data Sheet	SDS
		ASTM D 1544	DACP	MMAP	M_n	M_w	M_w/M_n	M_z		
Eastotac™ H-100E	-	5	61 °C	77 °C	450	1050	2.3	2450		
Eastotac™ H-115E	-	5	70 °C	80 °C	450	1050	2.3	2600		
Eastotac™ H-130E	-	5	72 °C	78 °C	500	1050	2.1	2350		

[a] - 50% resins solids in toluene

[b] - MMAP: cloud point measured in a 1:2 mixture of methylcyclohexane and aniline; DACP: cloud point measured in a 1:1 mixture of xylene and 4-hydroxy-4-methyl-2-pentanone; For more information see "Hydrocarbon Spectrum" brochure WA-86

[c] - Molecular weight measured via Gel Permeation Chromatography (GPC) using polystyrene standards

Eastotac L-Series (Light grade)

Products	Ring and Ball Softening Point	Color, Gardner[a]		Yellowness Index[b]		Cloud Point[c]		Molecular Weight[d]				Data Sheet	SDS
				2 cm cell	5 cm cell								
	ASTM E 28	ASTM D 1544	ASTM D 6166	ASTM E 313	ASTM E 313	DACP	MMAP	M_n	M_w	M_w/M_n	M_z		
Eastotac™ C-100L (Asia/Pacific Region only)	100 °C	-	<1	9	18	57 °C	81 °C	550	1100	2.0	1900		
Eastotac™ C-115L (Asia/Pacific Region only)	115 °C	-	<1	9	18	61 °C	80 °C	550	1100	2.0	2250		
Eastotac™ H-100L	-	<1	-	-	-	65 °C	78 °C	450	1000	2.2	2300		
Eastotac™ H-115L	-	<1	-	9	18	75 °C	82 °C	450	1000	2.2	2400		
Eastotac™ H-130L	-	<1	-	9	18	77 °C	83 °C	500	1050	2.1	2350		

[a] - 50% resins solids in toluene

[b] - 50% resins solids in toluene

[c] - MMAP: cloud point measured in a 1:2 mixture of methylcyclohexane and aniline; DACP: cloud point measured in a 1:1 mixture of xylene and 4-hydroxy-4-methyl-2-pentanone; For more information see "Hydrocarbon Spectrum" brochure WA-86

[d] - Molecular weight measured via Gel Permeation Chromatography (GPC) using polystyrene standards

Eastotac R-Series (Regular grade)

Products	Ring and Ball Softening Point	Color, Gardner[a]		Yellowness Index[b]	Cloud Point[c]		Molecular Weight[d]				Data Sheet	SDS
				1 cm cell								
	ASTM E 28	ASTM D 1544	ASTM D 6166	ASTM E 313	DACP	MMAP	M_n	M_w	M_w/M_n	M_z		
Eastotac™ C-100R (Asia/Pacific Region only)	100 °C	-	1.5	11	56 °C	78 °C	550	1100	2.0	2100		
Eastotac™ C-115R (Asia/Pacific Region only)	115 °C	-	1.5	11	60 °C	78 °C	550	1150	2.1	2300		
Eastotac™ H-100R	-	1.5	-	11	68 °C	79 °C	450	1050	2.3	2550		
Eastotac™ H-115R	-	1.5	-	11	76 °C	82 °C	450	1050	2.3	2450		
Eastotac™ H-130R	-	1.5	-	11	70 °C	81 °C	500	1050	2.1	2400		
Eastotac™ H-142R	-	1.5	-	11	74 °C	82 °C	500	1050	2.1	2300		

[a] - 50% resins solids in toluene

[b] - 50% resins solids in toluene

[c] - MMAP: cloud point measured in a 1:2 mixture of methylcyclohexane and aniline; DACP: cloud point measured in a 1:1 mixture of xylene and 4-hydroxy-4-methyl-2-pentanone; For more information see "Hydrocarbon Spectrum" brochure WA-86

[d] - Molecular weight measured via Gel Permeation Chromatography (GPC) using polystyrene standards

Eastotac W-Series (White grade)

Products	Ring and Ball Softening Point	Color, Gardner[a]		Yellowness Index[b]		Cloud Point[c]		Molecular Weight[d]				Data Sheet	SDS
				2 cm cell	5 cm cell								
	ASTM E 28	ASTM D 1544	ASTM D 6166	ASTM E 313	ASTM E 313	DACP	MMAP	M_n	M_w	M_w/M_n	M_z		
Eastotac™ C-100W (Asia/Pacific Region only)	100 °C	-	<1	4	8	64 °C	83 °C	550	1000	1.8	1900		
Eastotac™ C-115W (Asia/Pacific Region only)	115 °C	-	<1	4	8	68 °C	85 °C	550	1050	1.9	2000		
	-	<1	-	4	8	69 °C	81 °C	450	1000	2.2	2150		

Eastotac™ H-100W													
Eastotac™ H-115W	-	<1	-	4	8	68 °C	80 °C	450	950	2.1	2100		
Eastotac™ H-130W	-	<1	-	4	8	76 °C	83 °C	500	1000	2.0	2200		
Eastotac™ H-142W	-	<1	-	4	8	76 °C	85 °C	500	950	1.9	2000		

[a] - 50% resins solids in toluene

[b] - 50% resins solids in toluene

[c] - MMAP: cloud point measured in a 1:2 mixture of methylcyclohexane and aniline; DACP: cloud point measured in a 1:1 mixture of xylene and 4-hydroxy-4-methyl-2-pentanone; For more information see "Hydrocarbon Spectrum" brochure WA-86

[d] - Molecular weight measured via Gel Permeation Chromatography (GPC) using polystyrene standards