



ESTERPOL ALIPHATIC POLYOL:

Esterpol Aliphatic Polyester Polyols are used in order to improve elastomeric properties in the molecular structure. The application areas covered by Esterpol Aliphatic saturated polyesters are : Microcellular elastomers, Thermoplastic Polyurethane(TPU), Flexible Slabstock Foams, Synthetic leathers, adhesive industry(lamination, packaging etc.), system for casting, Paints, coatings and polyurethane water dispersions.

Product	Adhesives	Synthetic leather	Microcellular Foams	Flexible Foams	TPU	Coatings	PU dispersion	Hydroxyl No., mg KOH/g	Acid Value, mg KOH/g	Viscosity in cPs	Average MW	Key Applications	
MDA-55			*					55-59	≤ 1.0	35°C	4200-5000	2000	Footwear
MDA-40		*	*					38-42	< 1.0	35°C	6900-8100	2800	Synthetic leather and microcellular foam
MEA 55TP		*	*		*			54-58	< 0.5	50°C	2000-2500	2050	TPU Resins & Footwear
DGT-58				*				58-63	<1.60	25°C	17500-21500	2410	Flexible foam
DGT-60			*	*				58-63	<1.60	25°C	19000-24000	2580	Footwear and Flexible foam
MDA-45T			*					44-48	< 1.0	35°C	6800-7800	2600	Footwear
MDA-65T			*					64-68	< 1.0	35°C	4000-4600	2000	Footwear
MTA-60			*					60-68	<1.0	35°C	9400-12000	2010	Footwear
MPA-50T			*					54-58	<1.0	35°C	7600-8600	2100	Footwear
TDA-55AS				*				50-58	<1.80	35°C	9500-11000	2700	Improved Antiscorching for Flexible slab-stock foam
TMA-55AS				*				50-58	<1.0	25°C	14000-16000	3000	Improved hydrolysis and antiscorching version for Flexible slab-stock foam
TMA-82AS				*				80-85	<1.0	25°C	6500-8500	2000	Improved hydrolysis and antiscorching version for Flexible slab-stock foam
PGG-196AS				*				195-215	<4.0	25°C	18500-27500	830	Flexible slabstock foam
1120-170				*				160-180	<0.8	25°C	2500-4500	660	Flexible slabstock foam flame lamination
MBA 50TP	*	*			*			50-55	< 0.5	60°C	1350-1650	2250	TPU Resins
MBA 40TP	*	*			*			38-42	< 0.5	60°C	2700-3300	2800	Adhesives and TPU
MEA-58		*		*				54-58	≤ 1.0	75°C	500-700	2000	TPU, synthetic leather
MPA-55		*		*				54-58	<0.7	35°C	2900-3600	2000	Footwear
NPA-55	*					*	*	55-60	<0.5	35°C	1500-3500	2000	CASE , Dispersions, UV stable
HDA-56	*					*	*	53-57	<0.5	60°C	6000-8000	2000	Coatings, adhesives and PUD
HDA-110	*					*	*	110-120	<1.0	35°C	1500-3500	1000	Coatings, adhesives and PUD

2120-55

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50-60

< 1.5

75°C

800-1200

2050

CASE