BA525 100% Solid Grade Thermoplastic Acrylic Resin

Introduction

㈜LX MMA는 자사의 고유한 중합 기술을 기반으로 다양한 Beads 제품을 생산하고 있습니다. BA525는 우수한 저수축성, 치수안정성, 광택을 보유하여 자동차용 헤드 램프 반사판, 욕조, 물탱크 등 다양한 SMC(sheet molding compound), BMC(Bulk molding compound)용 FPR 수지의 저수축제에 적합합니다.

Typical Application

☐ Low profile additives

Physical Properties

Appearance	Powder
Solid content, mass %	100
Molecular weight (Mw, ave.)	70,000
Density @ 25℃, kg/lilter	1.20
Brookfield viscosity at 23℃, cPs (40% solution in MEK)	1,050
Glass transition temperature (℃)	90
Acid value (mg KOH/g)	16

REMARKS : The listed values should be used for reference purpose only.

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Resins Viscosity in Various Solvents

Grade	Alcohol				Ester		Hydrocarbon		Ketone	
	Methanol	Ethanol	IPA	Butanol	Ethyl Acetate	Ethyl Acetate	Toluene	Xylene	Acetone	MEK
BA030	Insoluble	Insoluble	Insoluble	Insoluble	100^{30}	105^{30}	700	170^{30}	250	260
BA122	Insoluble	Insoluble	Insoluble	P.S.	290	410	310	480	150	140
BA123	Insoluble	Insoluble	Insoluble	P.S.	300	410	350	555	150	140
BA140	Insoluble	Insoluble	Insoluble	Insoluble	170^{30}	2,340	2,300	75^{20}	490	610
BA141	Insoluble	Insoluble	Insoluble	Insoluble	100^{30}	1,150	830	1,400	360	350
BA410	Insoluble	Insoluble	Insoluble	Insoluble	315	445	340	600	160	160
BA525	**Insoluble**	**Insoluble**	**Insoluble**	**Insoluble**	**200^{30}**	**280^{30}**	**130^{20}**	**P.S.**	**970**	**1,050**
BA531	Insoluble	Insoluble	Insoluble	Insoluble	770^{30}	80^{20}	8,500	90^{20}	7,280	6,600
BA611	Insoluble	Insoluble	Insoluble	Insoluble	110^{30}	1,600	1,070	50^{20}	530	520
BA720	Insoluble	Insoluble	Insoluble	Insoluble	270^{30}	440^{30}	2,430	65^{20}	155^{30}	2,130
BN720	Insoluble	Insoluble	Insoluble	Insoluble	220^{30}	380^{30}	2,300	63^{20}	140^{30}	1,780

- Values are Brookfield viscosity (cP), at 23℃ of a 40% solids solution, except as noted.
- Superscript indicates % solids.
- I.S. : Insoluble / P.S. : Partially soluble (Test Method : Solubility 20wt% resin at room temperature)

Safe Handling Information

제품의 취급 및 환전안경에 관한 정보는 ㈜LX MMA에서 제공하는 물질 안전 보건 자료(MSDS)를 참고하여 주시길 바랍니다.