

Impact Modifier

Impact Modifiers are substances that increase the durability of molded or extruded plastics, especially those that need to be constantly subjected to impact forces like cold weather. They are added to compounded materials to provide performance features. They provide strength and break resistance to the product for which they are added. They also provide rigidity to the product to prevent it from warping or sagging during everyday use. Impact Modifiers also provide various properties to the product like optical and tensile strength, weather ability, processability, flammability, and heat distortion. Impact Modifiers are of different types.

Type	Item name	kaneka	Dow	Mitsu	Application	Dosage
Acrylic	BX IM 750	B564	KM-1		Opaque PVC	4-5
	BX IM 81	PA 20/B513			Transparent PVC	4-5
MBS	BX IM 156	B622	BTA 707/717		Transparent PVC	4-8
	BX IM 126	B564	BTA 736		Opaque PVC	4-8
MBS	BX IM 225	M711/732	EXL-2690		PC、PC Alloys	3-10
	BX IM 227	M722	EXL-2616		PC、PC Alloys	1-3
Acrylic	BX IM 365	M577	EXL-2388		PC、PC/ABS	3-5
Silicone	BX IM 330			S-2501	PC、PC Alloys	3-5
	BX IM 331			S-2100	PC、PC Alloys	3-5
	BX IM 334			S-2030	PC、PC Alloys	3-5
	BX IM 335			S-2130	PC、PC Alloys	3-5
ASA	BX IM 960				ASA	3-5
Acrylic	BX IM 980			M210	PMMA	3-5

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