

XYSIL Fumed Silica Application And Selection Guide

Application		Primary Performance Criteria	Suggest Grade	Suggest Addition (M/M%)
Rubber / Synthetic Rubber		Reinforcement	XYSIL200	5.0~30
HTV Silicone Rubber		Reinforcement; Elongation Resistance; Ease of Compounding	XYSIL150 XYSIL200	15~50
RTV Silicone Rubber	RTV-silicone sealant (1 component)	Reinforcement; Thixotropy, Rheology control, dispersability	XYSIL150 XYSIL200	3.0~30
	RTV-molding compound			3.0~30
	Liquid Silicone Rubber			15~35
Adhesive	Polychloroprene	Thickening; Thixotropy; Anti-settling; Sag Resistance; Extrusion Rate; Rheology Control	XYSIL200	1.0~2.0
	Epoxide Resin			
	Latex			
PVC	Plastisol	Thickening; Thixotropy; Anti-settling; Free-flow; Insulation	XYSIL200	0.3~2.5
	Organosol			0.1~1
	Plastisol PVC Mixture			1.0~2.0
	Cable Compound			0.1~1
	Membrane			
Paints & Coating	Zinc Rich Paints	Thickening; Thixotropy;	XYSIL150	0.5~2
	Alkyd Paints	Anti-settling	XYSIL200	0.5~5
	Acrylics Paints			0.3~2.5
	Polyester Paints			0.5~2.5
	Powder Coating		XYSIL200	0.5~5
	Gel Coating (Polyester)			2.0~3.0
Unsaturated Polyester Resin	Laminating Resin	Thickening; Thixotropy; Anti-settling;	XYSIL 200	0.8~1.5
	Gel coating			2.0~3.0
	Grouting mixture			0.5~2.0
Print Ink	Relief Printing	Thickening; Thixotropy; Anti-settling; Sag Resistance; Rheology Control	XYSIL200	0.5~2.0
	Intaglio Printing			
	Hectograph		XYSIL150 XYSIL200	0.5~2.5
Insulating Glue		Thickening; Thixotropy;	XYSIL200	5.0~10