

Product Application Recommendations

TYPE OF ATH		Coarse ATH DH50	GROUND ATH							LOW VISCOSITY GROUND ATH										SURFACE MODIFIED ATH					Ultra LOW VISCOSITY ATH		White Hydrate HW Series	LOW ELECTROLYTE*	PRECIPITATED HYDRATE			
Hindalco ATH Offerings with Recommended Applications	Polymer/ Grades		SF300	RPF14	DHM06	RPF18	DHM	DHM15	FH22D	FHC	MHV06	MHV20	TH15	MH18D	MHV24	JFM10	MHB10	MHB30	HC041	HC081	DHM15ES	MHV20T	RPF14VS	MHV06VS	HIV213	HIV206			SFH105*	SFH108*	SFH105VS*	SFH108VS*
Key Properties	D50 (µm)	40-70	3.5	4.5	6	8	10	15	22	6	9	10	12	18	24	15	11	30	4.5	8	15	10	4.5	9	4	15	4-80	4-80	1.8	1.2	1.8	1.2
	Soda Na2O%																															
Application	BASE POLYMER																															
SMC	UPR/PU/EPOXY																															
DMC/BMC	UPR/PU/EPOXY																															
RTM	UPR/PU/EPOXY																															
Grating	UPR/PU/EPOXY																															
Hand Layup	UPR/PU/EPOXY																															
Pultrusion	UPR/ACRYLIC																															
Cable Compounds	PVC																															
Cable Compounds	EVA																															
FR Resins	UPR																															
Conveyor	RUBBER/PVC																															
Synthetic Zeolite																																
Carpet Backing	LATEX/ACRYLIC																															
Coating	PU/EPOXY																															
Cast Resin Transformer	EPOXY																															
Vestibules	RUBBER																															
Laminates	UPR																															
Technical Fabrics	PVC /RUBBER																															
Tubes & Pipes	PVC/UPR																															
Foam	PVC/RUBER																															
Solid Surface	ARYLIC																															
Adhesive	PU																															
Polymer Insulator	SILICONE																															
Powder Coating	EPOXY/UPR																															
Potting Compounds	EPOXY/UPR																															
Cement Boards																																
Glass Coating																																
FRP Insulation	UPR																															
Fiber Glass																																
Catalyst Carrier																																
Paper Coating/Filler																																
Ceramic Colour																																

*Newly Developed Products

Customization of ATH grades can be done based on the application requirement.