

# Sakai Chemical Industry HT Grade List

Technical Information

## General Grade

## Special Grade

Product name	Unit	HT-V	HT-P	HT-9
Chemical formula	—	$Mg_4Al_2(OH)_{12}CO_3 \cdot 3H_2O$	$Mg_{4.5}Al_2(OH)_{13}CO_3 \cdot 3.5H_2O$	$Mg_{1-x}Al_x(OH)_2(CO_3)_{x/2} \cdot mH_2O$ ※ (0 < x ≤ 0.5)
Average particle diameter	Mm	0.6	0.5	0.5
BET	m <sub>2</sub> /g	9	11	11
pH	—	7.5	8	8
Weight loss start temperature	°C	190	190	250~300
Surface Treatment	—	Fatty Acids	Fatty Acids	Fatty Acids
Purpose	—	PO resin	PO resin Agricultural film	Epoxy Resins CPVC resinDesiccant
Characteristics	—	General	General	<b>High heat resistance</b>