

CHARGE-PACK CATIONIC EMULSION POLYMERS

CHARGE-PACK cationic emulsion polymers are organic synthetic flocculating agents based on the copolymerization of acrylamide and a cationic derivative of acrylic acid. CHARGE-PACK polymer is available in a wide variety of charges and molecular weights that cover the complete line of cationic activity. CHARGE-PACK polymers are manufactured in the U.S.A. using the highest quality raw materials and the most modern manufacturing methods available.

Applications:

- ⇒ Primary and secondary clarifiers
- ⇒ Sludge thickeners
 - gravity thickeners
 - dissolved air flotation units
 - centrifuges

- ⇒ Sludge dewatering
 - vacuum filters
 - filter presses
 - belt presses
 - centrifuges
 - drying beds

CHARGE-PACK GRADE	CATIONIC CHARGE	ACTIVE CONTENT	DENSITY	PRODUCT VISCOSITY (CP)	SOLUTION VISCOSITY 1%IN DIST. WATER (CP)	FREEZING POINT (C)	EFFECTIVE PH-RANGE
CP120	LOW	40%	1.03	<4000	>7000	-15	1-10
CP230	MEDIUM	29%	1.03	<4500	>8000	-15	1-10
CP120	MEDIUM	40%	1.03	<4000	>7000	-15	1-10
CP919	HIGH	43%	1.04	<4000	>9000	-15	1-10
CP140	HIGH	44%	1.05	<4000	>8000	-15	1-13
CP270	VERY HIGH	47%	1.04	<5500	>10,000	-15	1-13
CP281	VERY HIGH	46%	1.04	<5500	>10,000	-15	1-13
CP280	VERY HIGH	36%	1.04	<1500	>8000	-15	1-13
CP155	VERY HIGH	46%	1.04	<4000	>9000	-15	1-13
CP284	VERY HIGH	35%	1.04	<1800	>8000	-15	1-13
CP130	VERY HIGH	44%	1.04	<2000	>9000	-15	1-13
CP280	VERY HIGH	48%	1.04	<6000	>11,000	-15	1-13