

Product List

Product	FLORITE® R	FLORITE® H*	FLORITE® PS-200*	FLORITE® PS-10	FLORITE™ A-1
Chemical name	Calcium silicate	Calcium silicate	Calcium silicate	Calcium silicate	Silicon dioxide
Appearance	White, Powder	White, Powder	White, Fine granule	White, Fine powder	White, Fine granule
Crystal structure	Petaloid	Petaloid	Petaloid	-	-
Oil absorbing capacity (mL/g)	4.6	4.3	4.8	3.2	2.5
Loose bulk density (g/mL)	0.07	0.08	0.07	0.09	0.22
Tapped bulk density (g/mL)	0.11	0.14	0.10	0.15	0.25
Loose bulk specific volume (mL/g)	14.4	11.8	13.7	11.0	4.5
Tapped bulk specific volume (mL/g)	8.8	7.4	10.3	6.6	4.0
Particle size D50 (µm)	30	30	130	10	140
Repose angle (°)	47	45	40	56	32
pH	9	9	9	10	6.6
Specific surface (m ² /g)	160	140	200	230	520
Regulation status	JPE, JSFA, NF	NF	JPE, NF	JSFA, NF	JPE

JSFA : Japanese Standards of Food Additives JPE : Japanese Pharmaceutical Excipients NF : US National Formulary

*Please contact us in considering these products because they are made-to-order products

Recommended application

- Powderization and Carrier of Vitamins
- Powderization and Carrier of Essential Oils
- Powderization and Carrier of Fragrances and Flavors
- Powderization and Carrier of Liquid APIs
- Solubility Improvement of Poorly Soluble APIs
- Producibility Improvement in Compression Process
- Binding Booster for Poorly Compressible Formulations