

CLAY DESICCANTS

20-053-xxxx



Product specifications

Material:	Montmorillonite/Bentonite clay
Appearance:	Granules (1 to 5 mm acc. to PN) in a white bag
Color:	Whitish Grey or Pink
Ph:	7.0 +/- 0.5
Bulk density:	700 to 930 +/- 50 g/liter (acc. to PN)
Bag:	Non-woven with dissipative coating
ESD protection:	Surface resistance (bag) <math> < 10^{11} \Omega </math>
Bag seal width:	Minimum 4 mm (up to 7 mm for PN 20-053-0017n)
Using temperature:	Up to 50°C
Moisture:	Efficient from 10% to 50% RH
Reactivation:	120°C (245°F) for 16 hours
Storage/shelf-life:	Keep desiccants in dry and sheltered place away from water and sunlight. 2 years in original packaging stored in ambient environment $\leq 30^\circ$
Packaging:	Packed in moisture barrier bag
Standard compliance :	EN 61340-5-1 / MIL-D-3464E / J-STD-033

Features and Part Number

Part number	Unit	Quantity per box	Moisture Absorption RH* 20% - 40%	Pouch size (mm)
20-053-0002	1/18 unit (2 grams)	2000	2.85 - 5.70	70 x 25
20-053-0006	1/6 unit (6 grams)	1000	2.85 - 5.70	70 x 60
20-053-0012	1/3 unit (12 grams)	1000	2.85 - 5.70	75 x 60
20-053-0017n	1/2 unit (17 grams)	1000	1.42 - 2.85**	85 x 75
20-053-0035	1 unit (35 grams)	400	2.85 - 5.70	102 x 102
20-053-0070n	2 units (70 grams)	250	2.85 - 5.70	140 x 102
20-053-0140	4 units (140 grams)	100	2.85 - 5.70	150 x 92
20-053-0280n	8 units (280 grams)	60	2.85 - 5.70	142 x 135
20-053-0560	16 units (560 grams)	25	2.85 - 5.70	210 x 135

*Gram of moisture absorbed for 1 unit / **Gram of moisture absorbed for 0.5 unit

Options

Other sizes, weights available

Possible to pack the desiccants in a tin box.

Desiccants are also available in silica gel or molecular sieve.