

3M Fastbond™ 4224-NF Pressure Sensitive Adhesives

Category : Polymer , Adhesive

Material Notes:

3M™ Fastbond™ Pressure Sensitive Adhesive 4224-NF is a water-based, permanently pressure sensitive adhesive with excellent initial tack and good bond strength. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Fastbond-4224-NF-Pressure-Sensitive-Adhesives.php

Physical Properties	Metric	English	Comments
Solids Content	39 - 42 %	39 - 42 %	
Brookfield Viscosity	9000 - 12000 cP	9000 - 12000 cP	RVF/RVT #6 sp @ 80°F

Mechanical Properties	Metric	English	Comments
Shear Strength	0.0896 MPa	13.0 psi	Neoprene Rubber, 180°, after 48 hrs at 23°C
	0.110 MPa	16.0 psi	EPDM, 180°, after 48 hrs at 23°C
	0.186 MPa	27.0 psi	Polypropylene, 180°, after 48 hrs at 23°C
	0.228 MPa	33.0 psi	HDPE, 180°, after 48 hrs at 23°C
	0.276 MPa	40.0 psi	2024 T3 Aluminum, 180°, after 48 hrs at 23°C
	0.303 MPa	44.0 psi	Acrylic, 180°, after 48 hrs at 23°C
	0.303 MPa	44.0 psi	ABS Plastic, 180°, after 48 hrs at 23°C
	0.303 MPa	44.0 psi	Glass, 180°, after 48 hrs at 23°C
	0.310 MPa	45.0 psi	Clad Aluminum, 180°, after 48 hrs at 23°C
	0.317 MPa	46.0 psi	PVC, 180°, after 48 hrs at 23°C
	0.324 MPa	47.0 psi	High Impact Polystyrene, 180°, after 48 hrs at 23°C
	0.331 MPa	48.0 psi	Cold Rolled Steel, 180°, after 48 hrs at 23°C
	0.331 MPa	48.0 psi	Galvanized Steel, 180°, after 48 hrs at 23°C
0.331 MPa	48.0 psi	Stainless Steel, 180°, after 48 hrs at 23°C	
0.345 MPa	50.0 psi	Polycarbonate, 180°, after 48 hrs at 23°C	

Mechanical Properties	Metric	English	Comments
	0.263 kN/m	1.50 pli	HDPE, 180°, after 48 hrs at 23°C
	0.280 kN/m	1.60 pli	Neoprene Rubber, 180°, after 48 hrs at 23°C
	0.333 kN/m	1.90 pli	Polypropylene, 180°, after 48 hrs at 23°C
	0.403 kN/m	2.30 pli	Clad Aluminum, 180°, after 48 hrs at 23°C
	0.473 kN/m	2.70 pli	2024 T3 Aluminum, 180°, after 48 hrs at 23°C
	0.491 kN/m	2.80 pli	Glass, 180°, after 48 hrs at 23°C
	0.508 kN/m	2.90 pli	High Impact Polystyrene, 180°, after 48 hrs at 23°C
	0.526 kN/m	3.00 pli	Acrylic, 180°, after 48 hrs at 23°C
	0.543 kN/m	3.10 pli	Galvanized Steel, 180°, after 48 hrs at 23°C
	0.578 kN/m	3.30 pli	Polycarbonate, 180°, after 48 hrs at 23°C
	0.596 kN/m	3.40 pli	PVC, 180°, after 48 hrs at 23°C
	0.631 kN/m	3.60 pli	ABS Plastic, 180°, after 48 hrs at 23°C
	0.736 kN/m	4.20 pli	Stainless Steel, 180°, after 48 hrs at 23°C
	0.771 kN/m	4.40 pli	Cold Rolled Steel, 180°, after 48 hrs at 23°C

Descriptive Properties	Value	Comments
Appearance	Blue, Clear	
Base	Acrylate	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China