

DuPont™ Tyvek® ThermaWrap™ R5.0

PHYSICAL PROPERTIES DATA SHEET

Property		Test Method	Units	Tyvek® ThermaWrap™ R5.0
Moisture Vapor Transmission		ASTM E-96- method A	g/sqm-24 hrs	228
			Perms	33
		ASTM E-96- method B	g/sqm-24 hrs	269
			Perms	39
Water Resistance		AATCC 127 - pressure to failure	cm	255
Basis Weight		TAPPI T-410	oz/sqyd	22.0
Tensile Strength	MD	ASTM D882	lb/in	24
	CD			30
Surface Burning Characteristics	Flame Spread Index	ASTM E84	Index	10
			Class A	
	Smoke Developed Index		Index	70
			Class A	
Ultra Violet Light Exposure			days	120
Air Penetration Resistance		ASTM E2178	cfm/sqft @ 1.57 psf	< 0.004
		Gurley Hill (TAPPI T-460)	sec/100cc	1120
		ASTM E1677		Type 1
Tear Resistance (Trapezoid)	MD	ASTM D1117	lbs	17
	CD		lbs	9
Thermal Resistance, R		ASTM C518	h ft² °F/Btu	5.4

Test results shown are preliminary and represent roll averages. Individual results may vary either above or below averages due to normal manufacturing variations, while continuing to meet product specifications.

The higher the R-value, the greater the insulating power. Ask your seller for the fact sheet on R-values. DuPont™ Tyvek® ThermaWrap™ R5.0 uses a blanket insulation made of polyester and polyolefin fibers and will produce an R5.0 insulating value at a thickness of 1.5 inches.

For more information about DuPont™ Tyvek® Weather Barrier Systems, please call 1-800-44-Tyvek or visit us at www.Construction.Tyvek.com

WARNING: DuPont™ Tyvek® is combustible and should be protected from an open flame and other high heat sources. If the temperature of DuPont™ Tyvek® reaches 750°F (400°C), it will burn and the fire may spread and fall away from the point of ignition.



The miracles of science™

DuPont™
Tyvek®
ThermaWrap™ R5.0