

DP-8222

Product Description

Fully Biodegradable Disposable Soft Glove Modified Resin

Features and application fields

The material is food-contactable, has good tensile properties, and can be completely degraded; the product has excellent heat-sealing properties; it has passed DIN certification, FDA testing, national standard GB/T 20197-2006 and other industry standards. Used in food contact film bags such as disposable gloves

Typical performance

Test item	Test condition	Test standard	Unit	Reference
Basic properties				
Proportion	/	ISO 1183	g/cm ³	1.29
The melt flow rate	190°C, 2.16kg	GB/T 3682	g/10min	3
Mechanical behavior				
Tensile Strength	23°C, 50mm/min	ISO 527	MPa	22
Elongation at break	23°C, 50mm/min	ISO 527	%	750

Film properties

Test item	Test condition	Test standard	Unit	Reference
Basic properties				
Thickness			mm	0.03
Mechanical behavior				
Tensile strength (longitudinal)	23°C, 500mm/min	ISO 527	MPa	26.2
Elongation at break (longitudinal)	23°C, 500mm/min	ISO 527	%	483
Tensile load (longitudinal)	23°C, 500mm/min	ISO 527	N	4.7
Tear strength (longitudinal)	23°C, 200mm/min	QB/T 1130	N/mm	133.3
Tensile strength (transverse direction)	23°C, 500mm/min	ISO 527	MPa	18.7
Elongation at break (transverse direction)	23°C, 500mm/min	ISO 527	%	533
Elongation at break (transverse direction)	23°C, 500mm/min	ISO 527	N	3.4
Tear strength (transverse direction)	23°C, 200mm/min	QB/T 1130	N/mm	117.2

Recommended processing conditions

Drying temperature		°C	80
Drying time		h	2-4
Blown film temperature		°C	145-165

Note: This typical physical property is not a sales specification

