

TECHNICAL DATA SHEET

Poly Lactic Acid

Product	Poly Lactic Acid
Chemical Formula	(C ₄ H ₆ O ₃) _x
Cas No	31852-84-3
Print Date	May 10th, 2020

TECHNICAL DATASHEET

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Description

Poly lactic acid resin, made from corn and other plants rich in starch rather than oil, is a low-carbon functional material with superior processing properties.

Applications

Poly lactic acid resin can be used for most synthetic plastics and is suitable for extrusion, injection molding, blow molding, spinning and other molding processes.

Packaging

In 25kg kraft bag

ITEMS	UNIT	METHOD	REVO DE101	REVO DE110	REVO DE190	REVOD E290
Density	g/cm ³	GB/T1033.1-2008	1.2-1.3	1.2-1.3	1.2-1.3	1.2-1.3
MVR 190°C,2KG	g/10 min	GB/T 3682.1-2018	2-10	3-12	2-12	12-40
Melting Points	°C	GB/T19466.3-2004	140-155	155-170	170-180	170-180
Glasstransition temperature	°C	GB/T19466.2-2004	56-60	56-60	56-60	56-60
Tensile Strength	Mpa	GB/T1040.1-2018	≥50	≥50	≥50	≥50
Elongation At Break	%	GB/T1040.1-2018	≥3.0	≥3.0	≥3.0	≥3.0
Notch impact strength	KJ/m ²	GB/T1040.1-2018	≥1-3	≥2.0	≥2.0	≥2.0

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