

# LNPT™ ELCRIN™ iQ COMPOUNDS SUPPORTING FOOD CONTACT COMPLIANCE

**LNPT ELCRIN iQ COMPOUNDS**, offer similar chemical resistance performance\* and value propositions, compared to virgin PBT compounds.



Better carbon/energy footprint



REACH<sup>1</sup>, RoHS<sup>2</sup> compliant



PCR content certification\*\*



Comparable material properties and broad color space



Food contact compliant options



Drop-in solution (same tooling and design possible)



Healthcare management of change

\* Sustainable polymers for healthcare help advance the circular economy; <https://www.ondrugdelivery.com/>  
\*\* Third-party certification of PCR content conducted by SCS Global Services.

A sustainability driven material portfolio utilizing upcycling technology



<sup>1</sup> REACH Regulation EC 1907/2006 and related ECHA list of restricted substances

<sup>2</sup> RoHS Directives 2011/65/EU, 2015/863/EU, 2017/2102/EU and amendments

Industry	Segment	Potential Applications	Potential Grade	Resin	PCR content (%)	Features
Healthcare	Drug delivery Surgical devices Patient testing	Pens Pumps Housings	W1000JiQ	PBT	56	Unfilled, FDA Drug Master File and/or Device Master File listing <sup>1</sup>
			WL002LiQ	PBT	53	Lubricated
			WF006JiQ	PBT	37	30% glass reinforced; FDA Drug Master File and/or Device Master File listing
Industrial	Consumer Cosmetic packaging	Food handling Bottling	WF006LXDiQ	PBT	37	30% glass reinforced BPA-free
		Razor blades Toothbrushes Mascara Cosmetic brushes	W1000LiQ	PBT	56	Unfilled
			WL002LiQ	PBT	53	Lubricated
			WF006LiQ	PBT	37	30% glass reinforced
Infrastructure	Water management	Water-treatment Filtration Pumps	W1000LiQ	PBT	56	Unfilled
			WF006LiQ	PBT	37	30% glass reinforced — Potable Water Approval <sup>2</sup>

<sup>1</sup> Undergoing testing for Bio-compatibility ISO10993

<sup>2</sup> Undergoing testing for ACS, KTW, WRAS, W270 and NSF

## CONTACT INFORMATION

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LNP RESINS  
& COMPOUNDS

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