

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 ¹ , RoHS ² 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	<p>* Sustainable polymers for healthcare help advance the circular economy; https://www.ondrugdelivery.com/</p> <p>** Third-party certification of PCR content conducted by SCS Global Services.</p>

A sustainability driven material portfolio utilizing upcycling technology



¹ REACH Regulation EC 1907/2006 and related ECHA list of restricted substances
² 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 ¹
			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	WF006LXDQiQ	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 ²

¹ Undergoing testing for Bio-compatibility ISO10993

² Undergoing testing for ACS, KTW, WRAS, W270 and NSF



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