

A Sustainable Choice for Flexible PVC



Teknor Apex is proud to do its part in supporting the circular economy by providing a second life for materials that could otherwise end up in landfills. Cycle-Tek™ is a family of flexible PVC compounds produced from post-industrial recyclate (PIR) or post-consumer recyclate (PCR), which offers manufacturers a sustainable solution that performs equivalently to prime compounds. Supported by Teknor Apex's commitment to quality and innovation, Cycle-Tek products boast a variety of color options and hardnesses suitable for extrusion and molding applications. Are you interested in achieving your sustainability goals without sacrificing performance? **The answer is clearly Cycle-Tek™ (available in natural, black or color-matched)!**



Carefully-sourced PIR/PCR



Rigorous testing & quality assurance



Extrusion- and molding-grade flexible PVC

Cycle-Tek Advantages at a Glance



An eco-friendly alternative to traditional PVC compounds

- » Reduces landfill waste by providing a second life for PIR/PCR
- » Allows manufacturers to support the circular economy and meet their sustainability goals



High-quality recycled content

- » Controlled and carefully-selected PIR/PCR
- » Performs equivalently to prime compounds



Available with a variety of attributes

- » Clear, natural, black, and color-matched options
- » Range of hardnesses available (Shore A 70–95)
- » Phthalate and non-phthalate options available



Robust testing and quality standards

- » Undergoes rigorous quality testing at Teknor Apex's in-house labs
- » Application development and technical service available

Put Cycle-Tek™ in the center of your business relationships.

The planet will thank you—and your customers too.



Cycle-Tek™ General Purpose Filled Extrusion Compounds*

Compound Property	Test Method	INDOOR GRADES					OUTDOOR GRADES				
		CT 2370	CT 2375	CT 2380	CT 2385	CT 2390	CT 2370 UV	CT 2375 UV	CT 2380 UV	CT 2385 UV	CT 2390 UV
Shore Hardness, delayed	ASTM D2240	70A	75A	80A	85A	90A	70A	75A	80A	85A	90A
Specific Gravity	ASTM D792	1.37	1.40	1.41	1.42	1.42	1.37	1.40	1.41	1.42	1.42
Tensile Strength, MPa	ASTM D638	11.8	13.1	14.5	16.6	18.6	11.8	13.1	14.5	16.6	18.6
Tensile Elongation, %	ASTM D638	380	370	360	330	310	380	370	360	330	310
Brittleness Temperature, °C	ASTM D746	-40	-35	-30	-25	-20	-40	-35	-30	-25	-20

Cycle-Tek™ General Purpose Filled Injection Molding Compounds*

Compound Property	Test Method	CT 1075	CT 1080	CT 1085
Shore Hardness, delayed	ASTM D2240	75A	81A	85A
Specific Gravity	ASTM D792	1.30	1.32	1.34
Tensile Strength, MPa	ASTM D638	14.4	15.0	14.9
Tensile Elongation, %	ASTM D638	290	300	290
Brittleness Temperature, °C	ASTM D746	-37	-32	-28

About Teknor Apex

The Teknor Apex Company, a privately-owned company founded in 1924, is one of the world's leading customer-specific plastic compounders. Teknor Apex produces flexible and rigid vinyl, thermoplastic elastomers, polyamides, specialty compounds, color masterbatches, chemicals and garden hoses.

The company is based in Pawtucket, RI, USA. It operates fourteen production plants worldwide: in the United States, Belgium, Germany, China and Singapore.

*Representation of Cycle-Tek compounds containing 15-25% recyclate.

Industries Served



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Contact Teknor Apex to begin customizing your solution today.

✉ vinyl@teknorapex.com
☎ 800-554-9892

www.teknorapex.com

Americas
505 Central Avenue
Pawtucket
Rhode Island 02861
+1 401 725 8000

Europe
Umonderbaan 22
6167AC Geleen
Netherlands
+31 46 7020 950

Asia
41 Shipyard Road
Singapore 628134
+65 6265 2544

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