



SOLVAY
asking more from chemistry®

Specialty Polymers Certified for Contact with Drinking Water

For more than 20 years, Solvay has been helping water-handling device manufacturers discover the cost and performance advantages of using high-performance plastics in pressurized hot water systems. They can cost-effectively outperform brass and copper and have a proven track record of reliable performance.

Performance You Can Trust

Solvay voluntarily certifies its specialty polymers on a global basis to help OEMs expedite the approval process required for applications involving contact with drinking water (see Table 1). The wide range of products and grades that meet these requirements give designers maximum freedom in selecting the best material for a variety of applications, including:

- Pipes
- Water meter
- Fittings
- Cartridges
- Valves
- Faucet components
- Boiler components
- Pump components

Table 1: Specialty polymers certified for contact with drinking water

Polymer	Color	NSF61*	W270	DVGW	KTW	ACS	WRAS	DM174
Amodel® PPA								
DW-1130 BK938	Black	✓ ●	✓		✓ ● ● ●	✓	✓ ●	
DW-1140 BK938	Black	✓ ●	✓		✓ ● ● ●	✓	✓ ●	
DW-1150 BK938	Black	✓ ●	✓		✓ ● ● ●	✓	✓ ●	
A-1145 NT DW	Natural	✓ ●						
Ixef® PARA								
DW-1022 BK001	Black	✓ ●	✓		✓ ● ●	✓	✓ ●	
DW-1022 NT000	Natural	✓ ●	✓		✓ ● ●	✓	✓ ●	
DW-1032 BK001	Black	✓ ●						
Omnix® HPPA								
DW-4050 BK001	Black	✓ ●	✓		✓ ● ●	✓	✓ ●	
DW-4050 NT000	Natural	✓ ●	✓		✓ ● ●	✓	✓ ●	

Certified for: ● cold water (23 °C) ● warm water (60 °C) ● hot water (82–85 °C)

* For some grades, certification NSF 61 is restricted to a maximum surface area to volume ratio.
Please contact Solvay's technical representative for more details.
Additional products and colors certified for drinking water contact are available.

Polymer	Color	NSF61*	W270 DVGW	KTW	ACS	WRAS	DM174
Solef® PVDF							
1008/0001	Natural	✓ ●	✓	✓ ● ● ●		✓ ●	
1010/0001	Natural	✓ ●	✓	✓ ● ● ●	✓	✓ ●	
1010/0901	Black	✓ ●	✓	✓ ● ● ●		✓ ●	
6008/0001	Natural	✓ ●					
6010/0001	Natural	✓ ●					
6012/0000	Natural	✓ ●					
42308/0001E	Natural		✓	✓ ● ● ●	✓		
Udel® PSU							
GF-110 NT	Natural	✓ ●	✓			✓ ●	
GF-120 BK937	Black	✓ ●	✓	✓ ● ● ●	✓	✓ ●	
GF-120 NT	Natural	✓ ●	✓	✓ ● ● ●	✓	✓ ●	
GF-130 BK937	Black	✓ ●		✓ ● ● ●			
P-1700 BK937	Black	✓ ●	✓	✓ ● ● ●		✓ ●	
P-1700 GY8057	Gray	✓ ●	✓	✓ ● ● ●		✓ ●	
P-1700 NT11	Transparent	✓ ●	✓	✓ ● ● ●		✓ ●	
P-1700 WH7407	White	✓ ●	✓	✓ ● ● ●	✓	✓ ●	
P-1710 NT15	Natural	✓ ●					
P-3500 NT11	Transparent	✓ ●		✓ ● ● ●			
P-3500 NT LCD	Transparent	✓ ●	✓	✓ ● ● ●	✓	✓ ●	
Veradel® PESU							
AG-320 NT	Natural					✓ ●	
AG-330 NT	Natural		✓		✓	✓ ●	
3330 GF	Natural	✓ ●	✓	✓ ● ● ●	✓	✓ ●	
3320 GF	Natural	✓ ●					
A-101 NT	Natural	✓ ●					
A-201 NT		✓ ●					
A-301 NT		✓ ●					
3100		✓ ●					
3200		✓ ●					
Acudel® mod. PPSU							
22000 BK937	Black	✓ ●				✓ ●	
22000 NT15	Natural	✓ ●				✓ ●	
Radel® PPSU							
R-5000 NT	Transparent	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
R-5100 BK937	Black	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
R-5100 BU1197	Blue	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
R-5100 GY1037	Gray	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
R-5100 NT15	Natural	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
R-5500 NT	Transparent	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓

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Polymer	Color	NSF61*	W270 DVGW	KTW	ACS	WRAS	DM174
Ryton® PPS							
R-4-242-NA	Natural	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
R-4-242-BL	Black	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
R-4-244-NA	Natural	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
R-4-244-BL	Black	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
XE-5030-BL	Black					✓ ●	
XE-5501-BL	Black	✓ ●	✓	✓ ● ● ●	✓	✓ ●	✓
KetaSpire® PEEK							
KT-820 NT			✓			✓ ●	
KT-820 GF30 BG20						✓ ●	

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