

CYCOLOY € C2950 resin

€ • , f + „ ... † ‡ ^ ... % Š ...

€ • , f

Non-chlorinated and non-brominated flame retardant PC/ABS offering balanced flow and impact plus improved heat resistance intended for various applications.

< € • Ž			
UL • •	E45587-236935	E207780-228471	
’ ’ “	” • –		
—	Chlorine Free α ≠	~™Š – , > œ ” • –	> œ • ž Ÿ – i – , € £
’ Š “	©ª « –		
- ® – “	° ±²	³ ´ μ	¶ · § “
• ¹			ASTM D792
--	1.18	g/cm³	ASTM D792
--¹	1.22	g/cm³	ASTM D792
° ž » (° ¼ž Ÿ ½») (260•C/2.16 kg)	10	g/10 min	ASTM D1238
¾ž »			À Á Š “
ž Ÿ : 3.20 mm	0.40 Å 0.60	%	À Á Š “
Åž Ÿ : 3.20 mm	0.40 Å 0.60	%	À Á Š “
ÅÆ»			ASTM D570
24 hr	0.10	%	ASTM D570
ÇÈ, 23•C	0.40	%	ASTM D570
ÉÊ	° ±²	³ ´ μ	¶ · § “
ËÌ ÉÊ (RÍ)	123		ASTM D785
Î Ï – “	° ±²	³ ´ μ	¶ · § “
~ ÆÑÊ² (ÒÓ)	62.7	MPa	ASTM D638
ÏÕ»³ (Ö×)	40	%	ASTM D638
ØÙÚÛ⁴ (100 mm ÜÝ)	2650	MPa	ASTM D790
ØÙÑÊ⁵ (ÒÓ, 100 mm ÜÝ)	102	MPa	ASTM D790
ÞŠ – “	° ±²	³ ´ μ	¶ · § “
ßà á â ã ÞŠ ÑÊ			ASTM D256
-30•C	160	J/m	ASTM D256
23•C	530	J/m	ASTM D256
ä å ¶ Üæç • è é ÞŠ			ASTM D3763
-30•C, Total Energy	54.2	J	ASTM D3763
23•C, Total Energy	61.0	J	ASTM D3763
ı – “	° ±²	³ ´ μ	¶ · § “
é è ì j í î ï Ê			ASTM D648
0.45 MPa, ð ñ ò, 6.40 mm	104	•C	ASTM D648
1.8 MPa, ð ñ ò, 3.20 mm	90.6	•C	ASTM D648
1.8 MPa, ð ñ ò, 6.40 mm	95.0	•C	ASTM D648
ó • ô õ ĩ Ê	113	•C	ASTM D1525 ⁶
ö ŵ j ÷ ø ù ú			ASTM D696
ž Ÿ : -30 Å 30•C	7.2E-5	cm/cm/•C	ASTM D696
ÅÄ : -30 Å 30•C	7.2E-5	cm/cm/•C	ASTM D696
û ü ú	0.20	W/m/K	ASTM C177

RTI Elec	85.0	•C	UL 746
RTI Imp	85.0	•C	UL 746
RTI	85.0	•C	UL 746
ü ý – °	± 2	3 ´ μ	¶ · § "
ç þ ü " »	> 1.0E+16	ohms	ASTM D257
¼ ý ü " »	1.0E+17	ohms cm	ASTM D257
ü Ñ Ê (3.20 mm, in Oil)	20	kV/mm	ASTM D149
ü ú			ASTM D150
50 Hz	3.00		ASTM D150
60 Hz	3.00		ASTM D150
100 Hz	3.00		ASTM D150
ú			ASTM D150
50 Hz	5.0E-3		ASTM D150
60 Hz	5.0E-3		ASTM D150
100 Hz	4.9E-3		ASTM D150
ü – 7	PLC 6		ASTM D495
ü (CTI)	PLC 0		UL 746
ü • (HAI)	PLC 0		UL 746
ü ü ½» (HVTR)	PLC 2		UL 746
i • (HWI)	PLC 1		UL 746
• – °	± 2	3 ´ μ	¶ · § "
UL " • E Í			UL 94
1.50 mm	V-0		UL 94
2.49 mm	5VB		UL 94
ú	32	%	ASTM D2863
© ^a	± 2	3 ´ μ	
ï Ê	82.0 Å 88.0	•C	
	3.0 Å 4.0	hr	
	8.0	hr	
• Æ Ü	0.040	%	
© ^a Ü	30 Å 80	%	
! Áï Ê	221 Å 254	•C	
¢ Áï Ê	221 Å 277	•C	
" Áï Ê	243 Å 277	•C	
^a #ï Ê	243 Å 277	•C	
' (° ¼)ï Ê	243 Å 277	•C	
Ú \$ï Ê	60.0 Å 82.0	•C	
%	0.345 Å 0.689	MPa	
&' (½	40 Å 70	rpm	
) ý * + Ê	0.038 Å 0.076	mm	
, ©			
1.	Color		
2.	- → 1, 50 mm/min		
3.	- → 1, 50 mm/min		
4.	2.6 mm/min		
5.	2.6 mm/min		
6.	. / B (120•C/h), ê è 2 (50N)		
7.	Oü		