

# Pebax<sup>®</sup> – 物性一覽

<b>GENERAL PROPERTIES</b>			<b>2533 SD 02</b>	<b>3533 SP 01</b>	<b>4033 SP 01</b>	<b>4533 SP 01</b>
密度	ISO 1183	g/cm <sup>3</sup>	1.00	1.00	1.00	1.01
融点	ISO 11357	°C	134	144	160	147
シヨア硬度						
Instantaneous	ISO 868	Shore D	27	33	42	46
After 15 s.			22	25	35	41
引張特性						
破断強度	ISO 527	MPa	32	39	40	42
破断伸度		%	> 750	> 600	> 450	> 550
曲げ弾性率	ISO 527	MPa	12	21	77	86

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<b>GENERAL PROPERTIES</b>			<b>5533 SP 01</b>	<b>6333 SP 01</b>	<b>7033 SP 01</b>	<b>7233 SP 01</b>
密度	ISO 1183	g/cm <sup>3</sup>	1.01	1.01	1.01	1.01
融点	ISO 11357	°C	159	169	172	174
シヨア硬度						
Instantaneous	ISO 868	Shore D	54	64	69	69
After 15 s.			50	58	61	61
引張特性						
破断強度	ISO 527	MPa	52	53	54	56
破断伸度		%	> 450	> 350	> 350	> 300
曲げ弾性率	ISO 527	MPa	170	285	390	513

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<b>GENERAL PROPERTIES</b>			<b>35R53 SP 01</b>	<b>40R53 SP 01</b>	<b>55R53 SP 01</b>
<b>Renewable carbon content</b>	ASTM 6866	%	28-32	44-48	62-66
<b>密度</b>	ISO 1183	g/cm <sup>3</sup>	1.02	1.03	1.03
<b>融点</b>	ISO 11357	°C	146	148	167
<b>シヨア硬度</b>					
<b>Instantaneous</b>	ISO 868	Shore D	32	42	53
<b>After 15 s.</b>			25	39	51
<b>引張特性</b>					
<b>破断強度</b>	ISO 527	MPa	30	45	45
<b>破断伸度</b>		%	> 700	> 600	> 400
<b>曲げ弾性率</b>	ISO 527	MPa	40	75	160

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<b>GENERAL PROPERTIES</b>			<b>63R53 SP 01</b>	<b>70R53 SP 01</b>	<b>72R53 SP 01</b>	<b>80R53* SP 01</b>
<b>Renewable carbon content</b>	ASTM 6866	%	77-81	87-91	93-97	95
<b>密度</b>	ISO 1183	g/cm <sup>3</sup>	1.03	1.03	1.03	1.02
<b>融点</b>	ISO 11357	°C	180	186	186	186
<b>シヨア硬度</b>						
<b>Instantaneous</b>	ISO 868	Shore D	61	70	71	73
<b>After 15 s.</b>			56	62	65	67
<b>引張特性</b>						
<b>破断強度</b>	ISO 527	MPa	51	57	55	50
<b>破断伸度</b>		%	➢400	➢350	➢300	> 300
<b>曲げ弾性率</b>	ISO 527	MPa	245	360	560	850