

No oil grade AR-NK series (Elastomer AR / TPS)

ARONKASEI CO., LTD.

Item	Test Method		Unit	AR-NK-80
	Characteristic			
Hardness	JIS K 6253	typeA	point	80
Specific Gravity	JIS K 7112		-	0.9
Melt Flow Rate	ASTM D 1238	230 × 21.2N	g/10min	12
Tensile strength	JIS K 6251		MPa	17.2
300%Modulus	"		"	5.2
Elongation	"		%	780
Tear Strength	JIS K 6252		kN/m	50
Rebound resilience	JIS K 6255		%	32
Taber abrasion Test	JIS K 6264	H22 × 9.8N × 1000Cycle	mg	81
Compression Set	JIS K 6262	23 × 24hr	%	22
		70 × 24hr		86
Softening Temperature	our method 1			96
Brittleness Temperature	JIS K 7216			<-60
Mold Shrinkage (Vertical/Flowing directions)	our method 2		%	0.3/1.1
Molding Method	-		-	Injection · Extrusion
Drying	-		-	unnecessary
Color	-		-	Transparent
Haze	JIS K 7136		%	26
Fusion strength	our method	PP	-	
		ABS	-	×
		PC	-	×
		PET	-	×
		6Ny(PA)	-	×
		PBT	-	×
		POM	-	×
		PVC	-	×

The values shown in the table are representative ones and not guaranteed.

The figures in the table are subject to change without notice.

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1 Softening temperature measurement method: Vicat softening temperature (at temperature rise rate of 50 /hour and load of 2.5N) was determined with a needle inserted by 1mm.

2 Shrinkage : A film gate sheet (126mm x 126mm x 2mm) was formed (at mold temperature of 40 and cooling period of 40 seconds) .

3 This is a grade that is made to order and sold.